# User Manual

This User Manual provides instructions on how to use your new device. However, some of the information in this User Manual does not apply to your kajeet device. This includes the following:

- Activation instructions provided by Sprint.
- Select services and features that are specific to Sprint, such as Sprint ID, Sprint TV, Sprint Zone, TeleNav GPS Navigator, Sprint Mobile Wallet, Sprint HotSpot and voice mail to text capability
- Customer service information (phone numbers and/or websites) for Sprint
- Warranty information (warranty terms are provided with device)

For questions regarding your device or service, please have your administrator contact kajeet.

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*Tip:* Looking for something? If you don't see it in the headings listed here, try the Index on page 213.


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## Introduction

This **User Guide** introduces you to Sprint® service and all the features of your new device. It's divided into four sections:

- Section 1: Getting Started
- Section 2: Your Device
- Section 3: Sprint Service
- Section 4: Safety and Warranty Information

*Note:* Because of updates in your device's software, this online guide may not contain the most current information about your device. Visit www.sprint.com and sign on to **My Sprint** to access the most recent version of the user guide.

*WARNING:* Please refer to the **Important Safety Information** section on page 184 to learn about information that will help you safely use your device. Failure to read and follow the Important Safety Information in this device guide may result in serious bodily injury, death, or property damage.

## Your Device's Menu

The following table outlines your device's main menu structure. For more information about using your device's menus, see "Navigation and Customization" on page 21.

From the Home screen, press to open the menu:

- **Add (** **)**
- **Wallpaper (**  **)**
- **Search (**  **)**
- **Notifications (**  **)**
- **Edit (**  **)**
- **Settings (**  **)**

Tap these onscreen buttons to reveal these additional options and features.

Device menus with additional options ("sub-options") appear with adjacent to the list entry.

## > *Add*

### 1: Widgets

1: AccuWeather Clock
2: Analog clock
3: Calendar
4: Calendar clock
5: Daily Briefing
6: Facebook
7: Feeds and Updates
8: Google Search
9: Home screen tips
10: Latitude
11: Market
12: News and Weather
13: Picture frame
14: Power control
15: Program Monitor
16: YouTube

### 2: Shortcuts

1: Applications
2: Bookmark
3: Contact
4: Direct message
5: Directions & Navigation
6: Gmail label
7: Latitude
8: Settings

### 3: Folders

1: New folder
2: All contacts
3: Contacts with phone numbers
4: Facebook Phonebook
5: Received list from Bluetooth
6: Recent documents
7: Starred contacts

### 4: Wallpapers

1: Gallery
2: Live wallpapers
3: Wallpaper gallery

## > *Wallpaper*

1: Gallery

2: Live wallpapers

3: Wallpaper gallery

## > *Search*

## > *Notifications*

## > *Edit*

## > *Settings*

### *Wireless and network*

1: Airplane mode (On/Off)

2: Wi-Fi settings

1: Wi-Fi (On/Off)
2: Network notification (On/Off)
3: Add Wi-Fi network

3: Bluetooth settings

1: Bluetooth (On/Off)
2: Device name
3: Discoverable (On/Off)
4: Scan for devices
5: Bluetooth devices

4: Tethering

1: USB tethering
2: Help

- 5: VPN settings
  - 1: Add VPN
  - 2: VPNs
- 6: Mobile networks
  - 1: Use packet data (On/Off)
  - 2: Data roaming (On/Off))
  - 3: Data Roaming Guard
  - 4: System select
- 7: Dial up networking (On/Off)

***Sound settings***

- 1: Silent mode (On/Off)
- 2: Device vibrate
  - 1: Always
  - 2: Never
  - 3: Only in silent mode
  - 4: Only when not in silent mode
- 3: Volume
  - 1: Media volume
  - 2: Alarm volume
  - 3: System volume
  - 4: Notification volume
- 4: Notification ringtone
- 5: Audible touch tones (On/Off)
- 6: Audible selection (On/Off)
- 7: Screen lock sounds (On/Off)
- 8: Haptic feedback (On/Off)
- 9: Vibration intensity

***Display settings***

- 1: Font style
  - 1: Default font
  - 2: Choco cooky
  - 3: Helv Neue S
  - 4: Rosemary
- 2: Brightness
- 3: White color density
- 4: Black color density
- 5: Saturation
- 6: Animation
  - 1: No animation
  - 2: Some animations
  - 3: All animations
- 7: Screen timeout
  - 1: 15 seconds
  - 2: 30 seconds
  - 3: 1 minute
  - 4: 2 minutes
  - 5: 10 minutes
  - 6: 30 minutes
  - 7: 1 hour
- 8: Power saving mode (On/Off)
- 9: TV out
  - 1: TV system (NTSC/PAL)

| ***Location and security*** |
| --- |
| 1: Use wireless networks (On/Off) |
| 2: Use GPS satellites (On/Off) |
| 3: Set screen lock |
| 1: None 2: Pattern<br>3: PIN 4: Password |
| 4: Visible passwords (On/Off) |
| 5: Select device administrators |
| 6: Use secure credentials (On/Off) |
| 7: Install encrypted certificates from SD card |
| 8: Set password |
| 9: Clear storage |
| ***Applications*** |
| 1: Unknown sources (On/Off) |
| 2: Manage applications |
| 3: Running services |

| 4: Development |
| --- |
| 1: USB debugging (On/Off)<br>2: Stay awake (On/Off)<br>3: Allow mock locations (On/Off) |
| ***Accounts and sync*** |
| 1: Background data (On/Off) |
| 2: Auto-sync (On/Off) |
| 3: Add account |
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| 1: Back up my settings |
| 2: Automatic restore |
| 3: Factory data reset |
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| 1: Total space |
| 2: Available space |
| 3:Mount/Unmount SD card |
| 4: Format SD card |
| 5: Available space |

## *Search*

### 1: Google search

1: Show web suggestions (On/Off)
2: Use My Location (On/Off)
3: Search history (On/Off)
4: Manage search history

### 2: Searchable items

1: Web (On/Off) 2: Apps (On/Off)
3: Contacts (On/Off) 4: Kindle (On/Off)
5: Messaging (On/Off) 6: Music (On/Off)
7: Voice Search (On/Off)

### 3: Clear shortcuts

## *Locale and text*

### 1: Select locale

1: English (United States) 2: Español (Estados Unidos)

### 2: Select input method

1: Swype 2: Samsung keypad

### 3: Swype

1: Language 2: Word prediction
3: Audio feedback 4: Vibrate on keypress
5: Enable tip indicator 6: Auto-spacing
7: Auto-capitalization 8: Show complete trace
9: Word choice window 10: Speed vs. accuracy
11: Swype help 12: Tutorial
13: Version

### 4: Samsung keypad

1: Input language
2: XT9 (On/Off)
3: XT9 advanced settings
4: Automatic full stop (On/Off)
5: Auto-capitalization (On/Off)
6: Voice input (On/Off) 7: Tutorial

## *Voice input and output*

### 1:Voice recognition settings

1: Language
2: SafeSearch (Off/Moderate/Strict)
3: Block offensive words (On/Off)
4: Show hints (On/Off)

2: Text-to-speech settings

1: Listen to an example
2: Always use my settings (On/Off)
3: Default engine (Pico TTS)
4: Install voice data
5: Speech rate
6: Language
7: Pico TTS

***Accessibility***

1: Accessibility (On/Off)

***Date and time***

1: Automatic (On/Off)

2: Set date

3: Select time zone

4: Set time

5: Use 24-hour format (On/Off)

6: Select date format

***About My Galaxy Tab™***

1: System Updates

1: Update Firmware
2: Update Profile
3: Update PRL
4: Update Android

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2: Battery level
3: Device number
4: MIN
5: PRL version
6: MEID
7: Network
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9: Mobile network type
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8: Firmware version

9: Baseband version

10: Kernel version

11: Build number

Section 1

# Getting Started

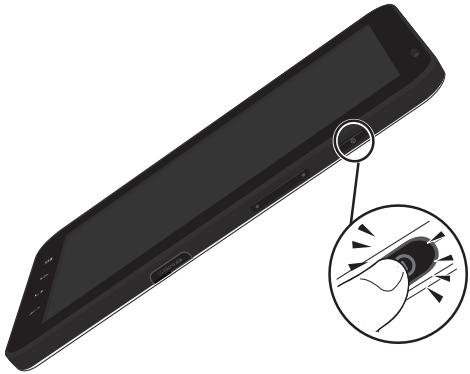
# 1A. Setting Up Service


- Setting Up Your Device (page 2)
- Activating Your Device (page 3)
- Sprint Account Passwords (page 4)
- Getting Help (page 5)


## Setting Up Your Device

1. Press and hold on the upper right side of the device to turn it on.
   - If your device is activated, it will turn on, search for Sprint service, and enter standby mode.

*Note:* Your device's battery should have enough charge for your device to turn on and find a signal, but you should fully charge your battery as soon as possible. See "Charging the Battery" on page 16.



*WARNING:* Please note that your device's touchscreen responds best to a light touch from the pad of your finger. Using excessive force or a metallic object when pressing on the touchscreen may damage the tempered glass surface and void the warranty. See "4B. Manufacturer's Warranty" on page 204.

## Unlocking Your Device Screen

- To unlock your device, drag the lock icon to the right of the screen.

*Note:* When you turn on your device for the first time, you will be given options to let you quickly set up various accounts, such as your Google™ account, Facebook™, and email accounts. We recommend that you skip these.

## *Activating Your Device*

- **If you purchased your device at a Sprint Store**, it is probably activated and ready to use.
- **If you received your device in the mail and it is for a new Sprint account or a new line of service**, it is designed to activate automatically. To confirm your activation, open an Internet address in your device's Web browser. (See page 134.)
- **If you received your device in the mail and you are activating a new device for an existing number on your account**, you will need to go online to activate your new device.
  - From your computer's Web browser, go to www.sprint.com/activate and complete the onscreen instructions to activate your device.

When you have finished, open an Internet address in your device's Web browser to confirm activation. (See page 134.) If your device is still not activated or you do not have access to the Internet, contact Sprint Customer Service at **1-888-211-4727** for assistance.

*Tip:* Do not press ⮌ while the device is being activated. Pressing ⮌ cancels the activation process.

*Note:* If you are having difficulty with activation, contact Sprint Customer Service by dialing **1-888-211-4727** from any phone.

## *Sprint Account Passwords*

As a Sprint customer, you enjoy unlimited access to your personal account information, your voicemail account, and your data services account. To ensure that no one else has access to your information, you will need to create passwords to protect your privacy.

### Account Username and Password

If you are the account owner, you will create an account username and password when you sign on to www.sprint.com. (Click **Need to register for access?** to get started.) If you are not the account owner (if someone else receives the bill for your Sprint service), you can get a sub-account password at www.sprint.com.

### Data Services Password

With your Sprint device, you may elect to set up an optional data services password to control access and authorize Premium Service purchases.

For more information, or to change your passwords, sign on to www.sprint.com or call Sprint Customer Service at **1-888-211-4727**.

# Getting Help

## Managing Your Account

Online: www.sprint.com

- Access your account information.
- Check your data usage (depending on your Sprint service plan).
- View and pay your bill.
- Enroll in Sprint online billing and automatic payment.
- Purchase accessories.
- Shop for the latest Sprint phones and other devices.
- View available Sprint service plans and options.
- Learn more about data services and other products like games, ringers, screen savers, and more.

Section 2

# Your Device

# 2A. Device Basics


- Your Device (page 9)
- Viewing the Display Screen (page 12)
- Turning Your Device On and Off (page 14)
- Battery and Charger (page 15)
- Device Function Keys (page 18)
- Navigation and Customization (page 21)
- Displaying Your Device's Number (page 38)
- Entering Text Using the Onscreen Keyboards (page 38)
- Entering Text Using Swype (page 45)
- Creating a Google Account (page 51)


*Tip:* **Device Software Upgrades** – Updates to your device's software may become available from time to time. Sprint will automatically upload critical updates to your device.

- You can also use the menu to manually check for and download updates.
- Press > and tap **Settings** > **About My Galaxy Tab™** > **System Updates** > **Update Firmware** or **Update Android** to search for and download available updates.

## Your Device

## Key Functions

1. **Light Sensor** lets you use the ambient light level to automatically adjust the screen brightness and contrast.
   - In bright light, the sensor causes the device to increase the brightness and contrast for better viewing.
   - In dim light, the device decreases the screen brightness to compensate.

*Note:* The sensor functions only when **Auto** is selected within the Notifications Panel. For more information, see "Using the Notifications Panel" on page 37.

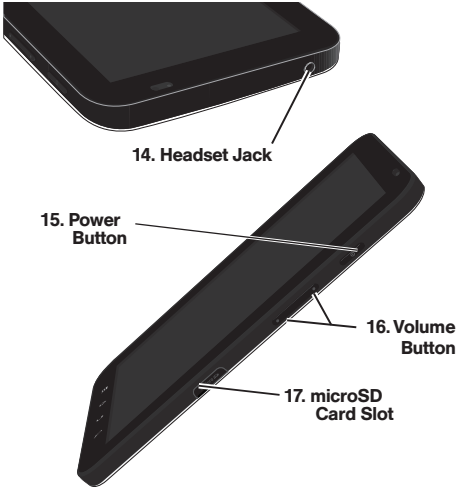
2. **Microphone** allows you to make audio recordings, voice searches, etc.
3. **Status Bar Icons** provide information about your device's status and options, such as signal strength, wireless technology, roaming, ringer setting, messaging, and battery charge.
4. **Touchscreen Display** displays all the information needed to operate your device, such as your Contacts list and the date and time. It also provides

one-touch access to all of your device's features and applications.

5. **HOME Key** returns you to the Home screen. Press and hold to view recently used applications.
6. **MENU Key** lets you access your device's main functions menu: **Add**, **Wallpaper**, **Search**, **Notifications**, **Edit**, and **Settings**. While in a menu, press to open a list of actions available from the current screen or onscreen option.
7. **Flash**, as part of the built-in camera, provides an additional light source for pictures and videos during low-light conditions.
8. **Camera Lens**, as part of the built-in 3.0 megapixel camera, this lens lets you take pictures and videos.
9. **External Speaker** lets you hear the different ringers and sounds.
10. **Charger/Accessory Jack** allows you to connect the charger or a USB cable (included). **CAUTION!** Inserting an accessory into the incorrect jack may damage the device.
11. **SEARCH Key** displays the Quick Search box that can be used to search for a key term both on the device and online. (See "Search Key" on page 19.)
12. **BACK Key** returns you to the previous menu, closes a dialog box, or exits an onscreen menu or option.
13. **Front-facing Camera Lens**, as part of the built-in 1.3 megapixel camera, works with the Qik application to enable you to set up and participate in video conferences.
14. **Headset Jack** allows you to plug in an optional headset for convenient, hands-free conversations. **CAUTION!** Inserting an accessory into the incorrect jack may damage the device.
15. **POWER Button** ( ) lets you turn the device or the touchscreen display on or off and access the **Device options** menu.
    - When the screen is turned off, press once to return to Screen lock mode.
    - While the device is unlocked, press and hold to display the **Device options** menu (Silent mode, Data network mode, Flight mode, Power off).

16. **Volume Button** allows you to adjust the ringtone and alarm volume in standby mode and the media playback volume.

17. **microSD Card Slot** lets you use a microSD card (included) to expand the memory of your device.



# Viewing the Display Screen

Your device's display screen provides information about your device's status and options. This list identifies the symbols you'll see on your device's display screen:

| Status Bar – Service Icons | |
|---|---|
| | **Activation Not Completed** – Your device must still be activated, please retry. |
| | **Signal Strength** – Shows your current signal strength. (More bars = stronger signal.) |
| | **No Service** – Your device cannot find a usable signal. |
| | **Airplane Mode On** – Your device will not have access to the Sprint network, Wi-Fi, GPS, or Bluetooth. Local applications are still available. |
| | **Roaming** – Your device is "roaming" off the Nationwide Sprint Network. |
| | **3G Available** – Sprint 3G data service is active. |

| Status Bar – Service Icons | |
|---|---|
| | **3G Communicating** – Sprint 3G data service is active and communicating. When active, the icon is animated. |
| | **3G Unavailable** – Sprint 3G data service is currently unavailable. |

| Status Bar – Status Icons | |
|---|---|
| | **Battery Strength** – Shows your current battery charge level. (Icon shown is fully charged.) |
| | **Battery Charging** – Shows your battery is currently being charged. |
| | **Battery Low** – Shows your current battery charge level is very low. |
| | **Device Power Critical** – Shows your current battery only has five percent power remaining and will immediately shutdown. Represented as a blinking icon. |
| | **Bluetooth Active** – Your device's Bluetooth radio is active and enabled. |

| Status Bar – Status Icons | |
|---|---|
| | **Bluetooth Connected** – Your device's Bluetooth radio is active and communicating with an external device. |
| | **GPS Location On** – Your device's GPS is on and available for location-based services such as Google Maps Navigation. |
| | **GPS Communicating** – Your device's GPS is on and communicating. |
| | **Wi-Fi Connected** – Your device's Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP). |
| | **Wi-Fi Connection Issue** – Your device's Wi-Fi is active but there is a communication issue with the target Wireless Access Point (WAP). |
| | **Hotspot Activated** – Shares your device's mobile data connection using Sprint Hotspot. |
| | **microSD Unmounted** – Your device's microSD card has been disconnected (unmounted) from the device and is now ready for either removal or formatting. |

| Status Bar – Status Icons | |
|---|---|
| | **Preparing for Mounting** – The microSD card is being prepared for mounting to the device. This is required for communication with the microSD card. |
| | **microSD Removed and Missing** – The microSD card has been properly unmounted from the device but is missing. |
| | **microSD Unexpectedly Removed** – The microSD card has been incorrectly removed and improperly unmounted. |
| | **USB Connection** – The device has detected an active USB connection. |
| | **USB Debug Connection** – The device has detected an active USB connection and is in USB Debugging mode. |
| | **Sign-in/Sync Error** – There has been an issue with your connection to the Google server, or you were not properly signed in to your account. In order to use a Google application or sync features, you must set up and sign in to a valid Google account. |

| *Status Bar – Status Icons* | |
|---|---|
| | **Vibrate Only** – The ringer is set to vibrate only. |
| | **Data Synchronization** – Application sync is active and synchronization is in progress for Gmail, Calendar, and Contacts. |
| | **Android OS Update Available** – A new Android operating system update is available for download. |
| | **System Updates Available** – A new system update is available for download. |
| | **Files Downloading** – The device is downloading selected files. |
| | **Download Successful** – A recent software download was successful. |
| | **Calendar Reminder** – Shows you have a reminder of an upcoming Calendar event. |

| *Status Bar – Messaging Icons* | |
|---|---|
| | **New Message** – You have new text (SMS) or multimedia (MMS) message. |
| | **New Messages** – You have new multiple text (SMS) or multimedia (MMS) messages. |
| | **New Email message** – Shows you have received either a new Internet email message or Outlook email message via an Exchange server. |
| | **New Gmail message** – Shows you have received a new Gmail message. |
| | **Alarm** – You have an alarm event. |

# Turning Your Device On and Off

## Turning Your Device On

► Press and hold .

Once your device is on, it may display “Searching for Service.” When your device finds a signal, it enters standby mode – the device’s idle state.

If your device is unable to find a signal after 15 minutes of searching, a Power Save feature is automatically activated. When a signal is found, your device automatically returns to standby mode.

In Power Save mode, your device searches for a signal periodically without your intervention. You can also initiate a search for Sprint service by pressing any key (when your device is turned on).

*Tip:* The Power Save feature conserves your battery power when you are in an area where there is no signal.

## Turning Your Device Off

1. Press and hold for two seconds until you see the **Device options** menu.
2. Tap **Power off** and then tap **OK** to turn off the device.

Your screen remains blank while your device is off (unless the battery is charging).

# Battery and Charger

*WARNING:* Use only Sprint-approved or Samsung-approved batteries and chargers with your device. The failure to use a Sprint-approved or Samsung-approved battery and charger may increase the risk that your device will overheat, catch fire, or explode, resulting in serious bodily injury, death, or property damage.

Sprint-approved or Samsung-approved batteries and accessories can be found at Sprint Stores or through Samsung; or call 1-866-866-7509 to order. They're also available at www.sprint.com.

## Battery Capacity

Your device is equipped with a Lithium Ion (Li-Ion) battery. It allows you to recharge your battery before it is fully drained. The battery provides up to 13.0 hours of continuous usage.

At 5% of charge capacity, when there are only a few minutes of battery charge left, the device sounds an audible alert, displays a critical charge icon ( ), and then turns off.

*Note:* Long backlight settings, searching for service, vibrate mode, browser use, and other variables may reduce the battery's active and standby times.

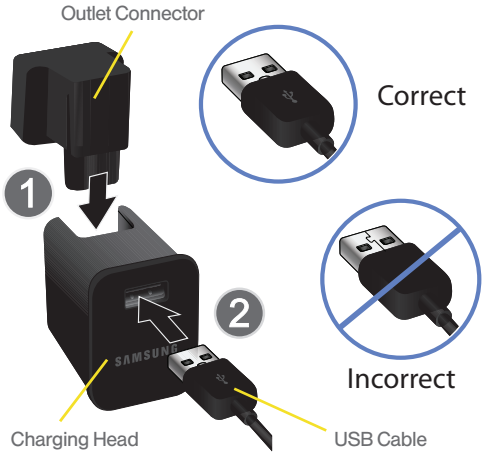
*Tip:* Watch your device's battery level indicator and charge the battery before it runs out of power.

## Charging the Battery

Keeping track of your battery's charge is important. If your battery level becomes too low, your device automatically turns off, and you will lose any information you were just working on.

*Note:* Although the battery comes partially charged. It is recommended you fully charge the battery before using your device for the first time.

1. Carefully slide the outlet connector into the charging head (1). Make sure the connection is secure.
2. Connect the USB cable to the charging head (2).




3. Slide open the charger/accessory jack cover.
4. Insert the USB cable into the device's charger/accessory jack.
5. Plug the charging head into an electrical outlet.

The device turns on with the screen locked and indicates both its charge state and percent of charge.

Always use a Sprint-approved or Samsung-approved desktop charger, travel charger, or vehicle power adapter to charge your battery.

With the Sprint-approved Li-Ion battery, you can recharge the battery before it becomes completely run down.

## *Extending Your Battery Life*

Active applications, light levels, and Bluetooth and GPS usage all act to drain your battery. The following is a list of helpful tips that can help conserve your battery power:

- Reduce your backlight on time. (See “Changing the Backlight Time Length” on page 54.)
- Turn Bluetooth off when not in use. (See “Turning Bluetooth On and Off” on page 120.)
- Turn Wi-Fi off when not in use. (See “Turning Wi-Fi On and Off” on page 144.)
- Turn off Sprint Hotspot. This is one of the largest drains on your battery. (See “Sprint Hotspot” on page 146.)
- Turn off the GPS when not needed. Most applications using this function will periodically query the GPS satellites for your current location; each query drains your battery. (See “Activating Location Mode” on page 179.)
- Do not wait until your battery is completely depleted before charging your device. Repeating the process of a complete discharge and recharge can reduce the storage capacity of any battery over time.

- Turn off automatic application sync. (See “Synchronizing Accounts” on page 58.)
- Use the power control widget to turn off hardware functions such as Wi-Fi, Bluetooth, GPS, and synchronization; or to adjust the LCD brightness setting. (See “Adding and Removing Widgets” on page 33.)
- Check the battery use screen to review what features or functions have been consuming your battery resources. (See “Viewing Battery Use” on page 55.)
- Check running services and close any unnecessary applications. (See “Manage Running Services” on page 68.)
- Use the task manager feature to shut down background applications that are still running. These minimized applications can, over time, cause your device to slow down. (See “Using the Task Manager” on page 68.)
- Animated wallpapers use processing power, memory, and more battery power. Change your live wallpaper to a static wallpaper gallery or Gallery image. (See “Changing the Display Screen” on page 56.)

## Device Function Keys

The Samsung Galaxy Tab™ comes equipped with four main function keys that can be used on any screen.

### Menu Key

The **Menu** key ( ) activates any available menus for the current screen or application. When on the Home screen, the following menu options are available:

- **Add** ( ) adds one of the following to a selected screen: Widgets, Shortcuts, Folders, or Wallpapers. (See “Customizing Your Home Screen” on page 31.)
- **Wallpaper** ( ) lets you to customize the current screen’s wallpaper image. You can obtain this image from a Gallery pictures folder, from any of the available images within the device’s wallpaper gallery, or from the animated live wallpapers. (See “Changing the Display Screen” on page 56.)

- **Search** ( ) displays the Google Search box that you can use to search for a key term both on the device and online. (See “Search Key” on page 19.)
- **Notifications** ( ) allows you to expand the notifications area to provide more detailed information about the current notification icons. (See “Using the Notifications Panel” on page 37.)
- **Edit** ( ) allows you to add or remove extended screens from your device. You can have up to eight extended screens.
- **Settings** ( ) provides quick access to the device’s settings menu. (See “2B. Settings” on page 52.)
  - The Settings menu can also be accessed by pressing and tapping > .

## Home Key

The **Home** key ( ) takes you back to your Home screen (first of nine total available screens).

## Back Key

The **Back** key ( ) returns you to the previously active screen. If the onscreen keyboard is currently open, this key closes the keyboard.

## Search Key

The **Search** key ( ) displays the Google Search box that can be used to search for a key term both on the device and online. In some instances, this key opens a search box specific only to the current application.

Search Options (All/Web/Apps) | Search Field | Voice Search

- Press to launch the **Google Search** box.

– or –

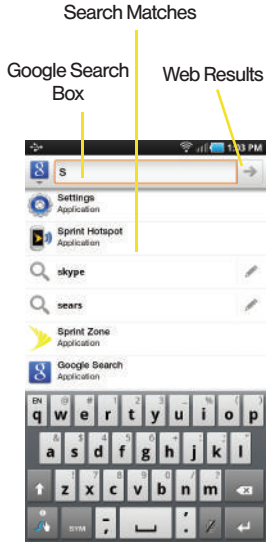
Press and tap > .

## Using Your Device to Search

Use the **Google Search** box to manually search for a term on both your device and on the Web.

To refine your search:

1. Press to launch the **Google Search** box.
2. Tap to select a search area.
   - **All** searches your device, the Web, and the Android Market for your search term.
   - **Web** searches for your term only on the Web using the Google search engine.




   - **Apps** searches for your term only within the Android Market.
3. Use the onscreen keyboard to enter the item you want to search for, and then tap **Go**.

   – or –

   Touching **Voice Search** ( ) lets you speak into your device's microphone to enter a search term.

To search the device and the Web by entering text:

1. Press to launch the **Google Search** box.
2. Use the onscreen keyboard to enter your search term. (See “Entering Text Using the Onscreen Keyboards” on page 38.)
   - As you type, matches from your device and from Google’s Web search are added to the list of previously chosen search results.
   - Search preferences and settings can be configured to display suggestions in a different manner. (See “Search Settings” on page 62.)

*Note:* To hide the onscreen keyboard and see more of your search matches, press .

3. Tap a match from the list of suggestions, device search results, or previously chosen search matches. Once selected, the item opens in the appropriate application.

To search the device and Web via Voice Search:

1. Press and tap (microphone icon on the side of the **Google Search** box).

*Note:* Tapping → in an application's search box searches tfor the keyword via the Web.

2. From the open dialog, say what you want to search for.
3. Once complete, the Voice Search application analyzes your spoken words and displays a list of matching keyword terms.

*Note:* It is recommended that you use this feature in a quiet room. Loud ambient or background noises can confuse the application and result in inaccurate search results.

To use additional Voice Search functions:

- From an open Voice Search dialog, speak the following words to access additional features:
  - **Directions to** allows you to initiate a navigation session via Google maps. Use either an address, business name, business type, or other navigation information to get the desired directions.
  - **Navigate to** allows you to receive directions via Google maps™. Use either an address, business name, business type, or other navigation information to get the desired directions.
  - **Map of** allows you to view a map of an area via Google maps. Use either an address, business name, zip code, or other navigation information.

## Navigation and Customization

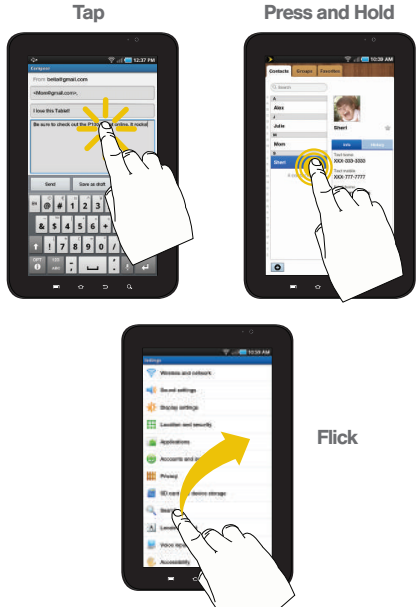
Your device is touch-sensitive, and this allows you to not only select an onscreen option with a single tap, but also scroll through long menu lists. Simply slide up and down through the display with your fingertip.

*Tip:* Some menu options are also accessed by pressing and holding an onscreen item, such as a Contact entry from the Contacts tab.

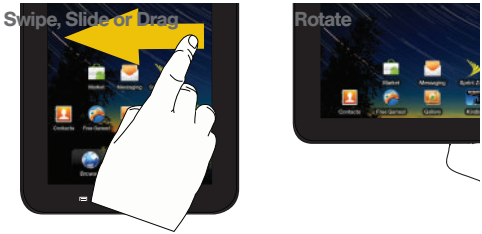
## *Getting Around Your Device*

### Move Around Your Device's Menus and Screens

- **Tap**: When you want to type using the onscreen keyboard, select items such as application and settings icons, or press onscreen buttons, simply tap them with your finger. A light touch works best.
- **Press and hold**: To open the available options for an item (for example, a link in a Web page), simply press and hold the item.
- **Flick**: Move your finger in lighter, quicker strokes than swiping. This finger gesture is always used in a vertical motion, such as when flicking through contacts or a message list.



- **Swipe or slide**: Quickly drag your finger vertically or horizontally across the screen.
- **Drag**: Press and hold your finger with some pressure before you start to move it. Do not release your finger until you have reached the target position.



Pinch Spread

- **Rotate**: Automatically change the screen orientation from portrait to landscape by turning the device sideways.
- **Pinch**: “Pinch” the screen using your thumb and forefinger to zoom out when viewing a picture or a Web page. (Move fingers inward to zoom out.)
- **Spread**: “Spread” the screen using your thumb and forefinger to zoom in when viewing a picture or a Web page. (Move fingers outward to zoom in.)

## *Home Screen Overview*

The Home screen is the starting point for many applications and functions, and it allows you to add items like application icons, shortcuts, folders, or widgets to give you instant access to information and applications.

This is the default page and accessible from any menu by pressing .

- **Status Bar**: located at the top of the screen, displays both notification and status icons.

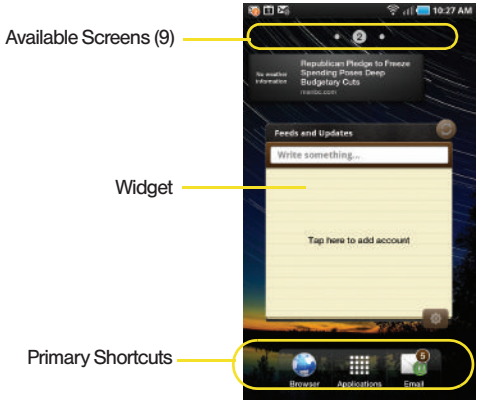
- **Notification Area:** displays icons associated with end-user notifications such as email messages, upcoming events, USB connection, and text/MMS messages. (See “Using the Notifications Panel” on page 37.)
  - These notifications appear at the top-left of the screen (within the status bar) and display important user information.
  - This information can be accessed by either swiping down from the status bar (page 37) or by accessing the Notifications panel > **Notifications** ( ).
- **Status Area:** displays icons associated with the status of the device such as communication, coverage, Bluetooth, 3G and Wi-Fi communication, battery levels, and GPS.
- **Home Screen:** provides information about notifications and device status, and allows access to application widgets.
- **Extended Screens:** extend beyond the current visible screen width to provide more space for adding icons, widgets, and other customization features.

- There are eight available extended screens each of which may be populated with its own shortcuts or widgets. These screens share the use of the three Primary Shortcuts (see page 26).
- The current screen is indicated at the top by a larger circle. Up to nine (9) total screens are available (one Home and eight extended).
- Press to access the Home screen (page 23), which appears as the default "page" on the device, and then slide your finger horizontally across the screen to go to the right extended screens.

*Note:* Both the status bar and primary shortcuts are visible across all screens (Home and extended).

- Think of it as having a desktop so wide that your screen can only display a portion at a time.

*Tip:* While on an extended screen, press to return to the Home screen.




- **Google Search:** is an onscreen Internet search engine powered by Google™. Tap to access the Voice Search feature where you can enter a spoken search term and initiate an online search.

- **Widgets:** self-contained onscreen applications (not shortcuts). These can be placed onto any of the available screens (Home or extended). (See “Adding and Removing Widgets” on page 33.)
- **Shortcuts:** icons that launch available device applications such as Contacts, email, and the alarm clock. These function the same as shortcuts on your computer’s desktop.
  - The shortcuts that appear on these screens can vary. However, you can always open the Application screens to find shortcuts for any installed application.
  - The Application screens can be accessed by tapping **Applications** ( ) from the Primary shortcuts area.
  - Shortcuts can be removed from a screen and added back any number of times. (See “Creating Shortcuts” on page 31.)
- **Primary Shortcuts:** three shortcuts are present on all screens (Home and extended) that can be used to navigate within the device and to launch any of the following functions:
  - **Browser** ( ) launches the Web browser.
  - **Applications** ( ) toggles between the Home and Application screens.
    - Tap **Applications** ( ) to access the Application screens.
    - While on the Application screens, tap the **Home** icon ( ) to easily return to the Home screen.
  - **Email** ( ) launches the email application where you can create a new email account, access existing email messages, or alter email settings.

## *Adding and Removing Extended Screens*

The device comes by default with a Home screen and two extended screens. You can add up to six additional extended screens for a total of nine screens.

*Note:* Screen #1 is always assigned to the Home screen and cannot be deleted.

To add more screens:

1. Press > and tap (**Edit**).
2. Tap to add a new empty extended screen.

To remove an extended screen:

1. Press > and tap (**Edit**).
2. Touch and drag an existing screen over the **Remove** icon ( ) and release it.
   - As you place the screen into the Trash, the discarded screen will turn red.
   - Removing a screen doesn't delete it or any widget or shortcuts on that screen. All will be available for future use.

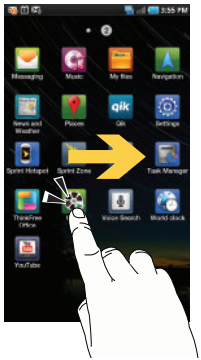
*Note:* If you are deleting a screen with shortcuts, you will be prompted with an additional pop-up asking you to confirm the deletion.

## *Using the Application Screens*

All of your device's applications are located within the Application screens.

*Note:* These screens contain shortcuts for all installed applications.

1. Press and tap to open the screen.
   - To close the Applications screen, tap or press .
2. Scroll through the screens and tap an icon to launch the associated application.
   - The screens contains device applications such as **Alarm Clock**, **AllShare**, **Browser**, **Camera**, **Gmail**, **Google Search**, **Market**, **My files**, **YouTube**, and many more.



## Applications

The following list shows all the applications that are available on the Application screens.

| Application Icons | |
|---|---|
| | **Alarm Clock** – Allows you to set an alarm to ring at a specific time (page 92). |
| | **AllShare** – Allows you to share your on-device media content with other external devices using DLNA (Digital Living Network Alliance) and built-in AllShare™ technology (page 176). These external devices must be DLNA-compliant. |
| | **Browser** – Launches the browser running Google search (page 134). The browser is fully optimized and comes with advanced features to enhance Internet browsing on your device. |
| | **Calendar** – Launches a calendar application that syncs to your Facebook™, Google™, or Microsoft Exchange work calendars (page 85). Events can be synced only to a managed account (page 58). |
| | **Camera** – Launches the built-in 3.0 megapixel camera (page 110). |

| Application Icons | |
|---|---|
| | **Contacts** – Displays the Contacts tab listing current contacts that can be synced with either your Facebook, Twitter, MySpace, Google or Outlook account (page 71). Contacts can be synced only to a managed account (page 58). |
| | **Daily Briefing** – Allows you to monitor weather, financial information, news, and your schedule from one convenient location (page 95). |
| | **Digital Frame** – Displays an onscreen clock, slideshow, or music (page 93). |
| | **Email** – Provides access to both your Outlook (Exchange Server-based) work email and Internet email accounts (such as Gmail and Yahoo! Mail) (page 147). |
| | **Facebook** – Launches the Facebook Web page via the browser (page 136). |
| | **Free Games!** – Launches a website containing HD game samples. |
| | **Gallery** – Displays a gallery of camera images and videos stored on the microSD card (page 113). |

| Application Icons | |
|---|---|
| | **Gmail** – Provides access to your Gmail account (page 148). |
| | **Google Search** – Provides an onscreen Internet search engine powered by Google™ (page 19). |
| | **Kindle** – Opens the Amazon Kindle™ store that provides access to thousands of online digital books and publications. These documents can be downloaded directly to your device (page 96). |
| | **Latitude** – Lets you see your friends' locations and share yours with them. The application also lets you see your friends' locations on a map or in a list. |
| | **Maps** – Launches a Web-based dynamic map that helps you find local businesses, locate friends, and get driving directions (page 179). |
| | **Market** – Find and download free and for-purchase applications on Android Market (page 161). |
| | **Memo** – Creates and stores text memos on your device (page 92). |

| Application Icons | |
|---|---|
| | **Media Hub** – Provides one-stop access to the hottest movies and TV programs that you can rent or buy and watch anytime, anywhere (page 168). |
| | **Messaging** – Provides access to text and multimedia messaging (SMS and MMS) (page 126). |
| | **Music** – Launches the built-in Music Player (page 172). |
| | **My files** – Lets you view supported image files and text files on your microSD card (page 91). |
| | **Navigation** – Launches a Web-based navigation application (page 181). |
| | **News and Weather** – Launches a Web-based news and weather feed based on your current location (page 164). |
| | **Qik** – Allows you to record and share live videos on your device with your friends, family, and your favorite social networks (page 163). |
| | **Places** – Allows others to find your business or your favorite places using either Google Search or Google Maps. |

| Application Icons | |
|---|---|
| | **Settings** – Lets you set up your device's features and functions to your preferences (page 52). |
| | **Sprint Hotspot** – Launches the Sprint Hotspot which allows you to share your device's mobile Internet connection with Wi-Fi-enabled devices (page 146). |
| | **Sprint Zone** – Links to Sprint Zone services such as Account Information, What's New, recommended Android applications, and other support and promotional content (page 162). |
| | **Talk** – Launches a Web-based Google Talk application that lets you chat with family and friends over the Internet for free. |
| | **Task Manager** – Provides access to a management screen from where you can close currently active applications, manage packages, RAM and obtain device summary information (page 68). |
| | **ThinkFree Office** – Provides access to a Microsoft® Office-compatible applications suite. It also provides a centralized location for the management of your online and offline files. |

| Application Icons | |
|---|---|
| | **Video** – Launches your device's built-in video application that plays video files stored on your microSD card (page 171). |
| | **Voice Search** – Launches your device's built-in automatic speech recognition (ASR) software and initiates a Google search based on the recognized text (page 102). |
| | **World clock** – Allows you to view the current time in other parts of the world. World clock displays time in hundreds of different cities, within all 24 time zones around the world (page 97). |
| | **YouTube** – Launches YouTube on your browser (page 136). |

*Note:* The email application includes access to both Exchange Server-based email (work email) and other Internet-based email providers such as Yahoo! Mail and Gmail.

## *Customizing Your Home Screen*

You can customize your Home screen by doing the following:

- **Creating Shortcuts**
- **Adding and Removing Widgets**
- **Repositioning Widgets**
- **Creating Folders**
- **Changing the Background (Wallpapers)**

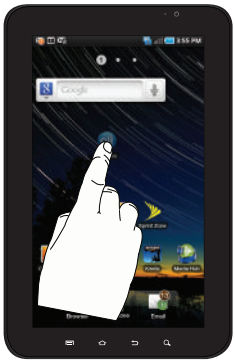
### Creating Shortcuts

Shortcuts activate a feature or launch an application. Widgets are already open and active onscreen applications.

> *Note:* To move a shortcut from one screen to another, you must carefully touch and hold the shortcut and slowly drag it to the edge of the screen. As the shortcut turns light blue, you can begin to move it to the adjacent screen.
>
> If this does not work, delete it from its current screen. Activate the new screen and then add the selected shortcut.

To add a shortcut from the Application screens:

1. Press to activate the Home screen.
2. Select a location (screen) for your new shortcut by scrolling across your available screens until you reach the desired one. (See “Home Screen Overview” on page 23.)
3. Tap **Applications** ( ) to reveal all your current available applications.

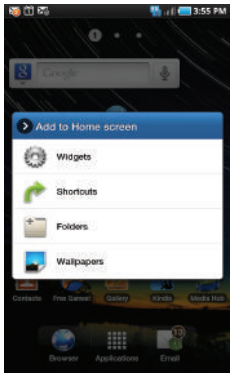


4. Scroll across the screens and locate your desired application.
5. Touch and hold the onscreen icon. The new shortcut then appears to hover over the current screen.
6. While still holding the onscreen icon, position it on the current screen. Release your finger to lock the shortcut into its new position.

*Note:* The same shortcut can be added to any of the available screens (Home or extended). The application you add to the screen will still appear within the **Application** screens.

To add a shortcut using the Add to Home screen:

1. Press to activate the Home screen.
2. Touch and hold on an empty area of the screen.
3. From the **Add to Home screen** window tap **Shortcuts**.
4. Tap a selection from the available list:
   - **Applications**
   - **Bookmark**
   - **Contact**
   - **Direct message**
   - **Directions & Navigation**
   - **Gmail label**
   - **Latitude**
   - **Settings**

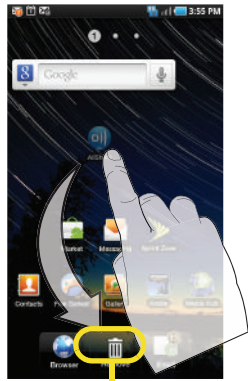



*Note:* Depending on the apps you've already installed, you may have additional choices available.

5. Follow the onscreen instructions to add the new shortcut to your Home screen.

To delete a shortcut:

1. Press to activate the Home screen.
2. Touch and hold the desired shortcut. This unlocks it from its location on the current screen.
3. Drag the icon over the **Delete** icon ( ) and release it.




Delete (Shortcut or widget)

## Adding and Removing Widgets

Widgets are self-contained applications that can be placed on either the Home screen or an extended screen. Unlike shortcuts, widgets appear as onscreen applications.

- **Widgets**
  - Choices include: **AccuWeather Clock**, **Analog clock**, **Calendar**, **Calendar clock**, **Daily Briefing**, **Facebook**, **Feeds and Updates**, **Google Search**, **Home screen tips**, **Latitude**, **Market**, **News and Weather**, **Picture frame**, **Power control**, **Program Monitor**, and **YouTube**.

*Note:* Depending on the apps you've already installed, you may have additional choices available.

To add a widget:

1. Press to activate the Home screen.
2. Touch and hold on an empty area of the screen.
3. From the **Add to Home screen** window tap **Widgets**.
4. Tap an available widget to place it on your current screen.

To remove a widget:

1. Touch and hold a widget until you can move it around on the screen.
2. Drag the widget over the **Delete** icon ( ) and release it.
   - The widget will turn red as you hover over the Delete icon.
   - This action doesn't delete the widget, it just removes it from the current screen.

To place a widget onto a different screen:

1. Touch and hold the widget until it becomes transparent.
2. Drag it to the edge of your screen.
3. Slowly drag it past the edge of the screen until it turns light blue.
4. Add the widget to the new screen.
5. Repeat these steps to continue moving it to other adjacent screens.

## Creating and Managing Folders

Folders can be located on any available screen and can contain both files (such as data and images) and Contacts or entries.

To create a folder onscreen:

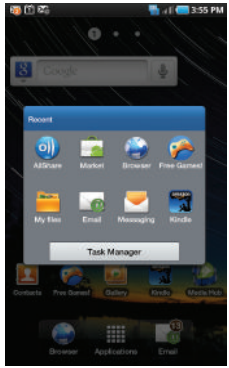
1. Press to activate the Home screen.
2. Touch and hold on an empty area of the screen.
3. From the **Add to Home screen** window tap **Folders**.
4. Tap an available folder type to place it on your current screen.
   - Choices include **New folder**, **All contacts**, **Contacts with phone numbers**, **Facebook Phonebook**, **Received list from Bluetooth**, **Recent documents**, and **Starred contacts**.

*Note:* Starred contacts are those Contact entries tagged as very important.

## *Accessing Recently Used Applications*

Your device keeps a running list of your eight most recently used applications.

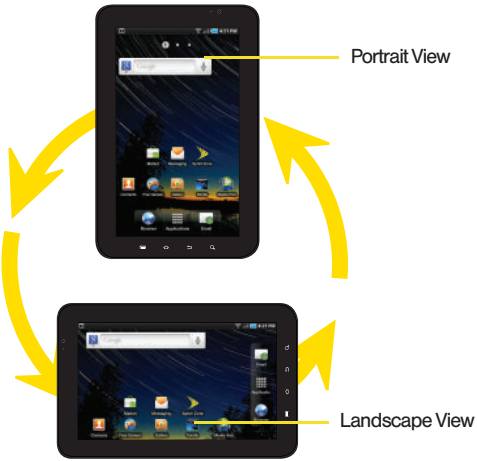
1. Press and hold to open the recently used applications window.
2. Tap an icon to open an application.




## *Changing the Screen Orientation*

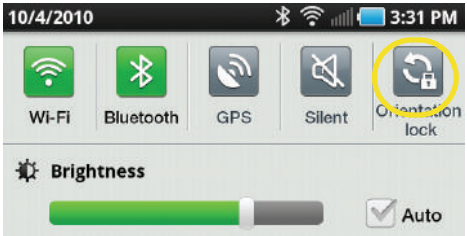
The device can automatically change the orientation of some onscreen content. The device's built-in 6-axis accelerometer senses movement and changes in the device's angle and orientation.

This allows the device to change onscreen content (images, video, Web pages) to properly display based on the current angle. (Some screens may not automatically change.)




You can lock the screen orientation either the portrait or landscape view.

### Locking the Screen Orientation




1. Rotate the device to either a portrait or landscape view.
2. While still in that orientation, tap the status bar to reveal the Notifications tab, and then drag the tab to the bottom of the screen.
3. Tap **Orientation lock** to lock the screen in the current orientation and then close the Notifications panel.

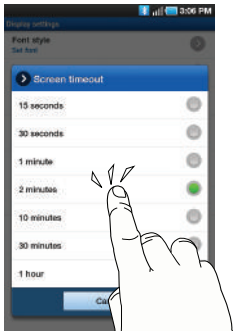
## *Menu Navigation*

You can easily navigate through an onscreen menu using only your finger.

## Selecting Menu Items Using Your Finger

As you navigate through a menu, you activate menu options by tapping onscreen entries. Select any option by tapping it.

1. Tap an onscreen icon to launch a menu or feature.
2. Flick up or down the screen to navigate through a menu list (bottom up or top down).
3. Tap a menu item to make a selection or activate a field.




## Backing Up Within a Menu

To go to the previous menu:

- Press .

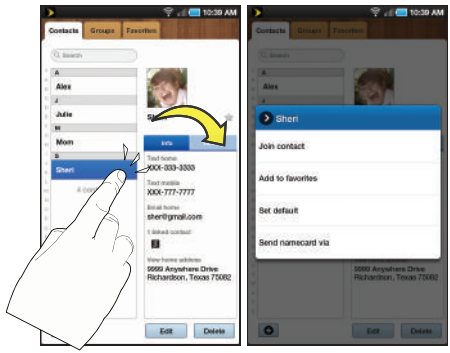
To return to Home screen:

- Press .

## *Using Context Menus*

Context menus (also called pop-up menus) contain options that apply to a specific item on the screen. They function similarly to menu options that appear when you right click your mouse on your desktop computer.

- Touch and hold an item onscreen to open its context menu.



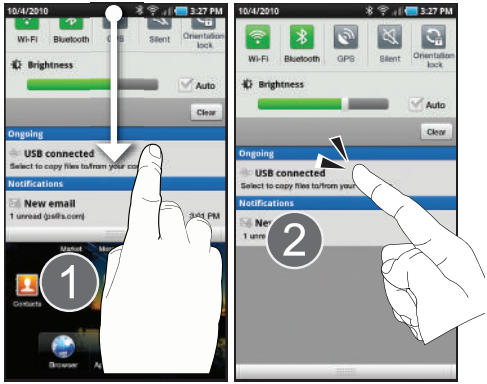
*Note:* Not all items have context menus.

## *Using the Notifications Panel*

The Notification area indicates new message events (data sync status, new messages, calendar events, etc.) You can expand this area to provide more detailed information about the current onscreen notification icons.

1. Tap the status bar to reveal the Notifications tab, and then drag the tab to the bottom of the screen to open the Notifications panel (1).
2. Tap a notification entry to open the associated application (2).

*Note:* The Notifications panel can also be opened on the Home screen by pressing [ ] and then tapping **Notifications.**




### Clearing Notifications

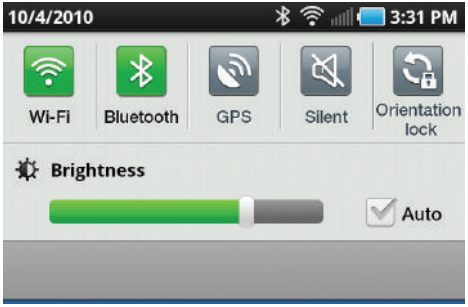
To clear all notifications:

1. Press [ ] to go to the Home screen.
2. Tap the status bar to reveal the Notifications tab, and then drag the tab to the bottom of the screen to open the Notifications panel.

3. Tap **Clear**. This clears all notification messages and closes the panel.

## *Launching Additional Panel Functions*

In addition to notifications, this panel also provides quick and ready access to device functions. These can be quickly activated or deactivated.




The following functions can either be activated (green) or deactivated (grey): **Wi-Fi**, **Bluetooth**, **GPS**, **Silent** or **Orientation lock** (page 35).

## *Displaying Your Device's Number*

► Press > and tap > **About My Galaxy Tab™ > Status**. (Your device number and other information about your device and account is displayed.)

*Note:* This number is used only to help identify your account. Your device does not have the ability to make or receive calls.

## *Entering Text Using the Onscreen Keyboards*

When you are in a field where you can enter text, numbers, symbols, etc., you can use the onscreen keyboard.

There are two versions of the onscreen keyboard available on your device: the **Samsung keypad**, which emulates a standard QWERTY keyboard, and **Swype** (default input method), which also has a QWERTY layout but uses a unique gliding method to let you enter whole words quickly.

Onscreen keyboard entry can be done in either portrait or landscape orientations. The landscape orientation provides more space and results in slightly bigger onscreen keys. If you find that you need bigger keys, use this orientation.

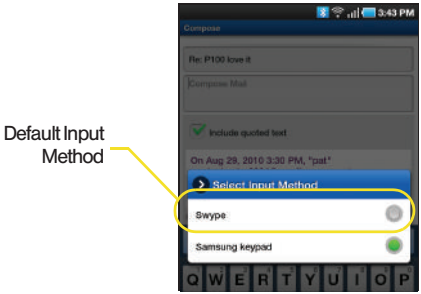
(To use the onscreen keyboard in landscape mode, you will need to set your device to automatically change orientation when rotated.)

## *Choosing the Samsung Keypad or Swype*

1. Press > and tap > **Locale and text** > **Select input method**.
2. Tap either **Swype** or **Samsung keypad**.

   – or –

1. From a screen where you can enter text, tap the input field to reveal an onscreen keyboard, and then touch and hold the text input field to display the onscreen context menu.
2. Select **Input method** and then touch **Swype** or **Samsung keypad**.




*Note:* Although the default text input method is the **Swype** method, **Samsung keypad** can be enabled as the new default method using the **Settings** menu.

## Selecting a Text Input Mode With the Samsung Keypad

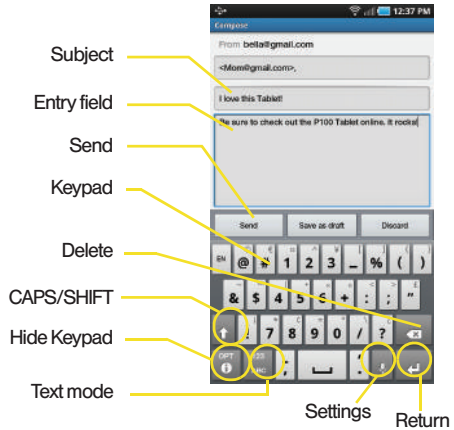
*Note:* Certain characters and types, such as some symbols and emoticons, are not accessible from the onscreen keyboard.

1. From a screen where you can enter text, tap the input field to reveal the onscreen keyboard.
2. With the Samsung keypad as your text entry method, select one of the following text mode options:
   - **ABC** to use alphabetic characters from the onscreen keyboard (See page 41.) In this mode, the text mode button displays 123.
   - **123** to enter numbers by pressing the numbers selecting them on the onscreen keyboard. (See page 42.) In this mode, the text mode button displays ABC.

*Tip:* When entering text, tap ⇧ to toggle capitalization.

## Samsung Keypad Overview

- **Entry field:** a screen area where text, numbers, or other characters can be entered.




- **Delete:** removes characters from the entry field.

- **CAPS/SHIFT:** When in **ABC** mode, this key changes the capitalization of the subsequent entered characters. When in **123** mode, this key can show additional symbol characters.
  - Capitalization in **ABC** mode can be altered by using the Caps button. (See “ABC Mode” on page 41.)
  - Symbols used in **123** mode can be enhanced by accessing additional symbol characters. (See “Entering Numbers and Symbols” on page 42.)
- **Text mode:** There are two available modes: **ABC** and **123**.
  - **ABC** mode contains only letters. In this mode, the text mode button displays 123.
  - **123** mode contains only numbers and symbols. In this mode, the text mode button displays ABC.
- **Settings:** Activates the settings menu for the current text input mode.
- **Return:** Inserts a new text line into your text entry field.

## *ABC Mode*

In **ABC** mode, you can enter only letters from the onscreen keyboard.

While in this mode, the text mode key displays 123.

1. Select the **ABC** mode by tapping ABC. (See “Selecting a Text Input Mode With the Samsung Keypad” on page 40.)
   - Capitalization in **ABC** mode can be altered by using the Caps button.

next character will be lowercase.

only the next character will be uppercase.

all subsequent characters will be uppercase.

*Note:* A light blue box on the shift key above indicates the keyboard is set to “Shift-Lock”, in which all characters are entered in uppercase.

2. Begin typing your word.
   - If you make a mistake, tap to erase a single character. Touch and hold to erase one or more previously entered words.

By default, the first letter of a new entry is capitalized and the following letters are lowercased. After a character is entered, the cursor automatically advances to the next space.

## *Entering Numbers and Symbols*

In **123** mode, you can enter only numbers and symbols.

While in this mode, the text mode key displays ABC.

To enter numbers:

1. Tap 123 to enter the **123** mode.
2. Tap the appropriate numeric key. (See “Selecting a Text Input Mode With the Samsung Keypad” on page 40.)

To enter symbols:

1. Tap 123 to enter the **123** mode.
2. Tap the appropriate symbol key.

   – or –

   Tap 1/3 to select from additional symbol characters. The first number on this key indicates which page (1, 2, or 3) of additional characters is active.

## *Samsung Keypad Settings*

To assign the Samsung keypad as the default:

1. Press > and tap > **Locale and text**.
2. Tap **Select input method** > **Samsung keypad**. A green circle indicates the feature is enabled.

To configure Samsung keypad settings:

1. Press > and tap > **Locale and text** > **Samsung keypad**.

   – or –

From within an active text entry screen, tap from the bottom of the screen to reveal the Samsung keypad settings screen.

2. Set any of the following options:
   - **Input language** sets the input language. Tap either **English** or **Español**. The keyboard is updated to the selected language.
   - **XT9** enables predictive text entry mode. See "Using XT9 Predictive Text" on page 43.
   - **XT9 advanced settings** enables further configuration of more advanced XT9 features. See "Setting XT9 Advanced Features" on page 43.
   - **Automatic full stop** automatically insert a full stop by tapping the space bar twice.
   - **Auto-capitalization** automatically capitalizes the first letter of the first word in each sentence (standard English style).
   - **Voice input** activates the Voice input feature. This is an experimental feature that uses Google's networked speech recognition application.
   - **Tutorial** launches a brief onscreen tutorial covering the main concepts related to the Samsung keypad.

## Using XT9 Predictive Text

XT9 is a predictive text system that has next-letter prediction and regional error correction, that compensates for users pressing the adjacent keys by mistake.

1. From within an active text entry screen, tap at the bottom of the screen to open the Samsung keypad settings screen.
2. Tap **XT9**. (A green check mark indicates the feature is enabled. This allows access to the XT9 advanced settings menu.)
3. Tap **XT9 advanced settings** and modify any XT9 associated settings.

## Setting XT9 Advanced Features

*Note:* XT9 advanced settings are available only if the XT9 field has been selected.

1. Press > and tap > **Locale and text** > **Samsung keypad**.

   – or –

   From within an active text entry screen, tap .

2. Tap **XT9 advanced settings** and configure any of the following advanced options:
   - **Word completion** tells your device to attempt to predict how to complete the word you have started. (A green check mark indicates the feature is enabled.)
   - **Word completion point** sets how many letters should be entered before a word prediction is made. Choose from **2 letters**, **3 letters**, **4 letters**, or **5 letters**.
   - **Spell correction** enables the automatic correction of typographical errors by selecting from a list of possible words that reflect both the characters of the keys you touched, and those of nearby characters. (A green check mark indicates the feature is enabled.)
   - **Next word prediction** predicts the next word you are like to enter. (A green check mark indicates the feature is enabled.)
   - **Auto-append** automatically adds predictions to the word you are typing. (A green check mark indicates the feature is enabled.)
   - **Auto-substitution** allows the device to automatically replace misspelled or miskeyed words. This option reduce "typos." (A green check mark indicates the feature is enabled.)
   - **Regional correction** automatically tries to correct errors caused when you tap keys adjacent to the correct keys. (A green check mark indicates the feature is enabled. See "Language Settings" on page 57.)
   - **Recapture** sets the device to redisplay the word suggestion list after selecting the wrong word from the list.
   - **XT9 my words** allows you to add new words to the built-in XT9 dictionary.
     - Tap **Add**.
     - Use the **Register to XT9 my words** field to enter the new word.
     - Tap **Done** to save the new word.

- **XT9 auto-substitution** allows you create a word rule by adding words for automatic substitution during text entry (for example **youve** becomes **you've**).
  - Tap the **XT9 auto-substitution** field. Flick up or down to review the current list of word substitutions.
  - Tap **Add**.
  - Enter the original word that will be replaced in the **Shortcut** field (for example, **youve**).
  - Enter the substitute word that will be used in the **Substitution** field (for example, **you've**).
  - Tap **Done** to save the substitution rule.

3. Tap to return to the previous screen.

## Entering Text Using Swype

Swype™ is a unique text input method that lets you enter words by sliding your finger from letter to letter, lifting only between words. It uses error-correcting algorithms and a language model to guess the intended words.

The Samsung and Swype onscreen keyboards have different options.

### Assigning and Configuring Swype

This default text input method can be changed.

To assign Swype as the default:

1. Press > and tap > **Locale and text**.
2. Tap **Select input method** > **Swype**. A green circle indicates the feature is enabled.

To configure Swype settings:

1. Press > and tap > **Locale and text** > **Swype**.

   – or –

   From within an active text entry screen in ABC mode, tap > **Options** to reveal the Swype settings screen.

2. Scroll down the screen list of available options and touch a corresponding entry to either activate or configure the setting.

   - **Preferences** allows configuration of the Swype text input and feedback options:
     - **Language** allows you to select the current text input language. Default language is US English.
     - **Word prediction** uses a built-in word database to predict words as they are entered in Swype.
     - **Audio feedback** turns sounds generated by Swype on or off.
     - **Vibrate on keypress** turns vibration on or off when you press a key.
     - **Enable tip indicator** turns on onscreen information about using Swype.
   - **Swype Advanced Settings** provides access to Swype advanced options:
     - **Auto-spacing** automatically inserts spaces between words. When you finish a word, just lift your finger to start the next word.
     - **Auto-capitalization** automatically capitalizes first letter of the first word in a sentence.
     - **Show complete trace** determines whether to show the entire path formed by the letters you slide over to form a given word.
     - **Word choice window** sets how often the word choice selection window appears onscreen. Move the slider between **Never** or **Always** and touch **OK**.
     - **Speed vs. accuracy** sets how quickly Swype responds to your onscreen input. Do you prefer more accurate text entry or is your desire for speed? Move the slider between **Fast Response** (speed) or **Error Tolerance** (accuracy) and touch **OK**.

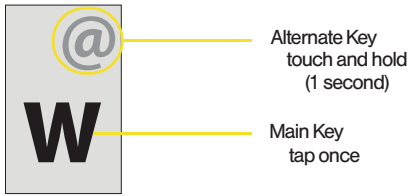
- **Help** provides access to Swype help.
  - **Swype help** to access Swype Help information and user manual.
  - **Tutorial** provides access to onscreen Swype tutorials.
- **About** displays the current software version.

Text Entry tips:

- To create double letters like the **pp** in “apple,” just make a “squiggle” on the **P** key.
- To enter punctuation, touch and hold a key to view a punctuation menu and make a selection.
- To enter contractions, move your finger over the apostrophe.
- To correct a misspelled word, double-tap the word you want to change and then tap to erase a single character. Touch and hold to erase an entire word.

**The following are some examples of entering text:**

Within the Samsung Keypad there are both main keys and additional alternate text characters per each key.

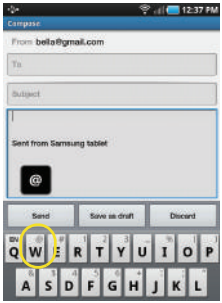



To enter an @ character:

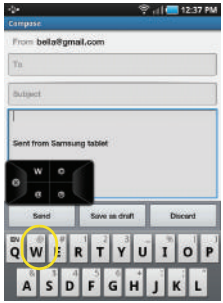
- Touch and hold the **W** key and release once the “@” icon appears onscreen.

To enter an _ character:

- Touch and hold the **U** key and release once the “_” icon appears onscreen.




touch and hold
(1 second)




touch and hold
(3 second)

## Selecting a Text Input Mode in Swype

*Note:* Certain characters and types, such as some symbols and emoticons, are not accessible from the onscreen keyboard.

1. From a screen where you can enter text, tap the input field to reveal the onscreen keyboard.
2. With Swype as your text entry method, select one of the following text mode options:
   - **123ABC** to use Swype with alphanumeric characters from the onscreen keyboard.
   - **SYM (Symbol)** to enter symbols from the onscreen keyboard.

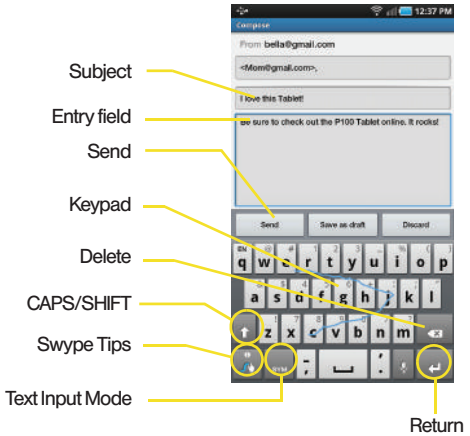
*Tip:* When entering text, tap to change letter capitalization.

## Swype Keyboard Overview

- **Entry field:** a field where text, number, or other characters can be entered.
- **Delete:** deletes characters from the entry field.
- **CAPS/SHIFT:** When in **123ABC** mode, this key changes the capitalization of the subsequent entered characters. When in **SYM** mode, this key can show additional symbol characters.
- **Text Input mode:** There are two available modes: **123ABC** and **SYM**.
  - **123ABC** mode contains alphanumeric characters and a few common punctuation marks. The text mode button displays SYM.

- **SYM** mode contains only symbols and numbers. The text mode button displays 123 ABC.

- **SWYPE tips ( )**: Tapping this button displays the Swype tips and tutorial screen.




## *123ABC Mode*

In **123ABC** mode, you can enter only letters and a few common punctuation marks from the onscreen keyboard. In this mode, the text mode displays SYM.

1. Select **123ABC** mode (showing letters and numbers on the onscreen keys).
   - Capitalization in this mode can be altered by using the Caps key.

   The character will be lowercase.

   Only the next character only uppercase.

   All subsequent characters will be uppercase.

2. Swipe your finger continuously over letters to form a word.
   - If you make a mistake, tap X to erase a single character. Touch and hold X to erase an entire word.

By default, the first letter of an entry is capitalized and the following letters are lowercased. After a word is entered and you lift your finger, the cursor automatically adds a space after the word.

## *Entering Numbers and Symbols*

In **SYM** mode using Swype, you can enter only symbols and numbers from the onscreen keyboard. The text input mode key displays 123 ABC.

To enter numbers and symbols in Swype mode:

1. Tap SYM to enter **SYM** mode.
2. Touch the key for the number or symbol you want to enter. To enter the alternate symbol on a key, tap ⇧.

To enter text via Swype:

> *Note:* If multiple word choices exist for your Swype entry, an onscreen pop-up appears to provide additional word choices.

1. Touch an onscreen character, and then, while keeping your finger on the screen, drag to the next character in the word.
2. Repeat until you have slid your finger over all the characters in the word.
   - Select from an onscreen list of possible word matches (if prompted).

This example shows how to enter the word “there.”

1. Touch the “t,” and without lifting, glide it to the “h,” and then to the “e,” and then over to the “r,” and back to the “e.”
2. When complete, lift your finger off the screen to allow the device to determine the closest word match.

For tips on using Swype, touch and follow the onscreen information.

## Creating a Google Account

You will need a Google account to access several device features such as Gmail, Google Maps, Google Talk, and the Android Market. Before you can access Google applications, you must enter your account information. These applications sync between your device and your online Google account.

1. From your computer's Web browser, navigate to www.google.com.
2. On the main page, click **Sign-in** > **Create an account now**.
3. Follow the onscreen prompts to create your free account.
4. Look for an email message from Google at the email address you provided, and respond to the email to confirm and activate your new account.

## Signing In to Your Google Account

1. Launch an application that requires a Google account (such as Android Market or Gmail).
2. Click **Next** > **Sign in**.

*Note:* If you do not already have a Google account, tap **Create** and follow the onscreen prompts to create your new account.

3. Tap the **Username** and **Password** fields and enter your information.
4. Tap **Sign in**. Your device communicates with the Google servers to confirm your information.
5. If prompted, create a new Gmail username by entering a prefix for your **@gmail.com** email address.

For additional information about synchronizing accounts, see "Synchronizing Accounts" on page 58.

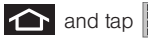
# 2B. Settings


- Sound Settings (page 52)
- Display Settings (page 54)
- Language Settings (page 57)
- Location Settings (page 57)
- Synchronizing Accounts (page 58)
- Search Settings (page 62)
- Airplane Mode (page 62)
- Security Settings (page 63)


To access the Settings menu:

► Press and tap .

– or –

Press  and tap > .

## Sound Settings

### Ringtone Types

Ringtone types help you identify messages. You can assign unique ringtones to individual Contacts entries and types of messages.

#### Selecting Ringtones for Notifications

The notification area displays icons associated with user notifications such as email messages, upcoming events, USB connections, or Text/MMS messages. You can select the ringtone that plays when your device receives new notifications.

1. Press > and tap > **Sound settings** > **Notification ringtone**.
2. Tap a notification ringtone from the available list. The ringtone briefly plays when selected.
3. Tap **OK** to assign a ringtone.

### Activating Feature Sounds

You can select whether your device plays a sound when using the keyboard, when making an onscreen selection, and when an SD card notification occurs.

1. Press > and tap > **Sound settings**.
2. Tap a feature to enable it. (If a green check mark appears to the right of the feature, it is already enabled.)
   - **Audible touch tones** plays a sound when using the keyboard.
   - **Audible selection** plays a sound when making any onscreen selection.
   - **Screen lock sounds** plays a sound when locking and unlocking the screen.
   - **Haptic feedback** causes the device to vibrate when pressing onscreen keys or with certain UI interactions.

### *Vibrate*

To set your device to always vibrate:

1. Press > and tap > **Sound settings** > **Device vibrate**.
2. Tap **Always**. (Other options are also available.)

To set your device to vibrate while using the keyboard and when making onscreen selections:

1. Press > and tap > **Sound settings**.
2. Tap **Haptic feedback**. (If you have already checked the option, tapping it again deselects the option.)
   - This provides physical feedback when making onscreen selections.

To set the vibration intensity on your device:

1. Press > and tap > **Sound settings**.
2. Tap **Vibration intensity**.

3. Touch and drag the onscreen slider to adjust the intensity level, and tap **OK**.

### *Silence All*

The Silence All option allows you to mute all sounds without turning your device off (except for Media volume).

To set your device to silent mode:

1. Press > and tap > **Sound settings**.
2. Tap **Silent mode**. This option silences all audio on the device except for media and alarms. (If you have already checked the option, tapping it again deselects this option.)

## *Display Settings*

### *Window Animation*

This feature provides the use of animation when onscreen windows are opened and closed. If deactivated, windows open and close quickly with no transitions.

1. Press > and tap > **Display settings**.
2. Tap **Animation** and select **No animation**, **Some animations**, or **All animations**.

### *Changing the Backlight Time Length*

Select how long the display screen remains lit after you press any key.

1. Press > and tap > **Display settings** > **Screen timeout**.
2. Tap a time setting (15 seconds – 1 hour).

*Note:* Long screen backlight settings deplete the battery more quickly.

### *Changing the Brightness*

Adjust your screen's brightness to suit your surroundings.

*Note:* Any changes made here are automatically synchronized with the Brightness slider within the Notifications panel.

1. Press > and tap > **Display settings**.
2. Locate and tap **Brightness**.
3. Select the check mark next to **Automatic brightness** to allow the device to adjust brightness automatically.

   – or –

   Clear the check mark and then touch and drag **Brightness** slider left or right to adjust the screen contrast and tap **OK**.

## *Changing Image Density*

Adjust your screen's brightness to suit your surroundings.

1. Press > and tap > **Display settings**.
2. Tap either of the color density fields and drag the slider to adjust the onscreen image.
   - **White color density** to adjust the onscreen white color intensity.
   - **Black color density** to adjust the onscreen black color intensity.

## *Viewing Battery Use*

Review which applications are placing the heaviest demands on your battery.

1. Press > and tap > **About My Galaxy Tab™ > Battery use**.
2. Tap an item to see more detailed information.

## *Power-saving Mode*

This allows you to activate or deactivate the power saving feature.

1. Press > and tap > **Display settings**.
2. Tap **Power saving mode**. (A green check mark indicates the feature is enabled.)

## *Sending Video From Your Device to a High-Definition TV*

This setting allows you to play video from your device to a high-definition TV. (An optional docking station and HDMI cable is required.)

1. Press > and tap > **Display settings**.
2. Tap **TV out**. A green check mark indicates the feature is enabled.

To configure the video format:

- Tap **TV system** and select **NTSC** or **PAL**.

## *Changing the Display Screen*

Choose what you see on the Home screen (behind your shortcuts and widgets) while powering the device on and off and when in standby mode.

*Note:* Using animated live wallpapers can deplete your battery faster than static image wallpapers.

To change the wallpaper:

1. Press > and tap **(Wallpaper)**.
2. Tap **Gallery**, **Live wallpapers**, or **Wallpaper gallery**.
   - **Gallery** lets you choose from pictures taken using the built-in camera or copied to your device as a wallpaper. You can crop the picture before setting it as a wallpaper.
   - **Live wallpapers** provides a selection of preloaded animated video wallpapers.
   - **Wallpaper gallery** provides a selection of preloaded wallpaper images.
3. Scroll through available images and tap a selection to preview it.
4. Tap **Set wallpaper** to assign the new wallpaper.

   – or –

   Tap **Save** to assign a picture as a wallpaper.

## *Adjusting the Date and Time*

Your device obtains its time and date information by using the network-provided date, time, and time zone. These values can be manually altered.

1. Press > and tap > **Date and time**.
2. Deselect **Automatic** if it is checked.

*Note:* If **Automatic** is selected, you cannot alter the date, time zone, or time values.

3. Tap **Set date**. Adjust the date, month, and year by tapping or . Tap **Set** when finished.
4. Tap **Select time zone**, and then select a time zone from the onscreen list. Flick through the list to view additional time zones.
5. Tap **Set time**. Adjust the hour and minute by tapping or . Tap the **AM** or **PM** icon to change the value. Tap **Set** when finished.
6. Tap **Use 24-hour format** to toggle between using a 12-hour or a 24-hour format.
7. Tap **Select date format** to select how the date information is displayed on your device. The selected date format is also applied to the date displayed within the device's alarm clock.

## Language Settings

To assign the default language used for menus and other interface features:

1. Press > and tap > **Locale and text** > **Select locale**.
2. Tap **English** or **Español**. All menus are then updated to the new language.

## Location Settings

Your device is equipped with a Location feature for use in connection with location-based services.

The Location feature allows the network to detect your position. Turning Location off will hide your location from everyone except 911.

*Note:* Turning Location on will allow the network to detect your position using GPS technology, making some Sprint applications and services easier to use. Turning Location off will disable the GPS location function for all purposes except 911, but will not hide your general location based on the used cell site. No application or service may use your location without your request or permission. GPS-enhanced 911 is not available in all areas.

To enable your device's GPS Location feature:

1. Press > and tap > **Location and security**.

2. Tap **Use GPS satellites**. A green check mark indicates the GPS location feature is enabled.

To enable Location via wireless networks:

1. Press > and tap > **Location and security**.
2. Tap **Use wireless networks**. A green check mark indicates the feature is enabled. Enabling this feature can use more resources and slow performance.
   - This service uses available wireless networks to pinpoint your location within certain applications such as Google Maps (page 179).
3. Tap **Agree**. Enabling this feature allows Google to collect anonymous location data whether or not any location application or other related feature is active or in use.
   - Tap **Use wireless networks** > **Disagree** to disable the collection of data.

## Synchronizing Accounts

Your device provides the ability to synchronize data from a variety of different sources or sites. These accounts can range from Google, a Microsoft Exchange Email Server, Qik, and other social sites such as Facebook, Twitter, and MySpace.

Exchange and Google accounts provide the ability to synchronize Calendar events and Contacts.

To enable the auto-sync feature:

1. Press > and tap > **Accounts and sync**.
2. Tap **Auto-sync**. A green check mark indicates the feature is enabled.
   - This feature enables the synchronization of data between your device and external sites or servers.
   - The two main components are Contacts and Calendar Events. Before these can be synchronized, they must be added to the managed accounts list.

*Important:* Any new email account should be managed and synchronized via the **Accounts and sync** menu. This process is not automatic for some accounts. If a new email account does not appear in this menu, it must be manually added and synchronized.

## *Synchronizing Your Google Account*

By default, no accounts are managed by the device. They must be manually added.

To add manage an existing Google account:

1. Press > and tap > **Accounts and sync.**
2. Tap **Add account** > **Google**.
3. Click **Next** > **Sign in**.

*Note:* If you do not already have a Google account, tap **Create** and follow the onscreen prompts to create your new account.

4. Tap the **Username** (@gmail.com) and **Password** fields and enter your information.
5. Tap **Sign in**. Your device then communicates with the Google servers to confirm your information. Your existing Gmail account then appears within the **Managed accounts** area of the screen.
   - Any changes or updates to your Gmail account are then automatically updated to your device.

To configure the Google management settings:

1. Press > and tap > **Accounts and sync.**
2. Tap within the Google account field to reveal the account's synchronization settings screen.
3. Tap the types of data you wish to synchronize (**Sync Contacts**, **Sync Gmail**, **Sync Calendar**). A green check mark indicates the feature is enabled.
4. Press to return to the previous screen.

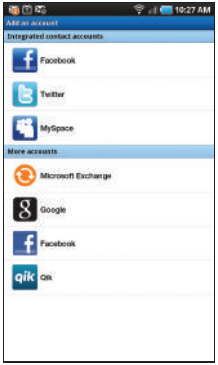
## *Synchronizing Your Microsoft Exchange Account*

By default, no exchange calendar events are managed by the device. They must be manually added. (See "Synchronizing Microsoft Exchange Calendar Events" on page 85.)

*Note:* Once an exchange email account is created, it is automatically added as a managed account.

To add a new Microsoft Exchange account:

1. Press > and tap > **Accounts and sync.**
2. Tap **Add account** > **Microsoft Exchange**.
3. Follow the onscreen prompts to create your new exchange email account. (See "Microsoft Exchange Email (Outlook)" on page 154.)
   - Any changes or updates to your exchange account are then automatically updated to your device.




To configure Microsoft Exchange management settings:

1. Press > and tap > **Accounts and sync.**
2. Tap within the **Microsoft Exchange** account field to reveal the account's synchronization settings screen.
3. Tap the types of data you wish to synchronize.
   - **Account settings** allows you to configure:
     - **Account name** displays the name used by the device to track the account.
     - **Your name** displays the name used in the **From** field within your outgoing email.
     - **Signature** allows you to create an outgoing email signature attached to new email sent from your device.
     - **Amount to synchronize** to assign the sync range for your incoming and outgoing email between your device and your external exchange server. Choose how many days of email should be synchronized between the device and the server. Choose from: **One day**, **Three days**, **One week**, **Two weeks**, or **One month**.

- **Email check frequency** configures the frequency which the device queries the remote server for new email changes. Choose from: **Automatic (Push)**, **Never**, **Every 5 minutes**, **Every 10 minutes**, **Every 15 minutes**, **Every 30 minutes**, or **Every hour**.
- **Default account** assigns this account as the default used when sending out new email.
- **Always CC/Bcc myself**, for outgoing email. You can choose Carbon copy (**Cc**), Blind copy (**Bc**) yourself, or to not activate the feature (**None**).
- **Email notifications** enables the device to display a status bar icon when a new email has been received.
- **Select ringtone** assigns a ringtone to a new or upcoming event.
- **Vibrate** assigns a vibration to a new or upcoming event.
- **Server - Incoming settings** provides access to the domain, password, and exchange server settings fields.
- **Server - Sync contacts** synchronizes the contacts between your device and the remote exchange server. A green check mark indicates the feature is enabled.
- **Server - Sync calendar** synchronizes your Exchange calendar entries between your device and the remote exchange server. A green check mark indicates the feature is enabled.
- **Forward with files** includes attachments with any outgoing email reply. A green check mark indicates the feature is enabled.

4. Press to return to the previous screen.

For more detailed Microsoft Exchange email information, see “Microsoft Exchange Email (Outlook)” on page 154. For more information on corporate or work calendar synchronizing, see “Synchronizing Microsoft Exchange Calendar Events” on page 85.

## Search Settings

You can configure some aspects of Google Web search (for example, whether it makes suggestions below the Quick Search Box as you type), and what device features you want to include in searches.

### Configuring Search Settings

1. Press > and tap > **Search**.
2. Tap any of the following search options to then alter the settings:
   - **Google search** opens a screen where you can set your Google search preferences.
     - **Show web suggestions** also includes search matches from Google's online search engine.
     - **Use My Location** allows the device to use your current location to refine your Google search results to include your location information.
     - **Search history** includes personalized search history results in the list of matches.
     - **Manage search history** helps to organize the personalized search history associated with your current registered Google account.
   - **Searchable items** lets you specify the search categories included in device searches.
     - Categories include: **Web**, **Apps**, **Contacts**, **Kindle**, **Messaging**, **Music** or **Voice Search**.
   - **Clear shortcuts** erases the history of recently selected search results.

## Airplane Mode

Airplane mode allows you to use many of your device's features, such as games and music when you are in an airplane or in any other area where using data services is prohibited. When you set your device to airplane mode, it cannot send or receive any data.

1. Press and hold to reveal the Device options screen.
2. Tap **Airplane mode**.

– or –

1. Press > and tap > **Wireless and network**.
2. Tap **Airplane mode** select it.

While in airplane mode, your device's status bar will display ( ).

To deactivate airplane mode:

1. Press and hold to reveal the Device options.
2. Tap **Airplane mode**.

– or –

1. Press > and tap > **Wireless and network**.
2. Tap **Airplane mode** to deselect it.

# Security Settings

## Accessing the Security Menu

All your device's security settings are available through the Security menu. You can secure your data and limit device access by requiring a screen unlock pattern every time your device is turned on or every time it wakes up from sleep mode (screen which appears when the device is idle for a set time).

- Press > and tap > **Location and security**.

## Your Device's Screen Lock Feature

### Locking Your Device Screen

- Press . Locking the screen prevents accidental screen touches from activating device functions.

### Unlocking Your Device Screen

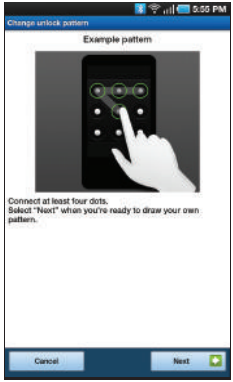
1. Press to awaken the device.
2. Touch and drag the lock icon ( ) to the right.

## *Your Device's Unlock Pattern Feature*

You can increase your device's security by creating a screen unlock pattern (disabled by default). When enabled, you must draw the correct unlock pattern on the screen to unlock and regain access to the device.

### Creating an Unlock Pattern

1. Press > and tap > **Location and security**.
2. Scroll down to the menu list and tap **Set screen lock** > **Pattern**.
3. Read the information on the screen, and then tap **Next**.
4. Review the onscreen tutorial on pattern creation, and then tap **Next**.
5. Draw your pattern by touching your first onscreen point. Then, **without removing your finger from the screen,** drag your finger over adjacent points until the gray trace line overlaps each point and they are highlighted with a green circle.




*Important:* You must slide your finger on the screen to create the pattern and not touch individual dots. If you make a mistake or a point is not properly selected, a red circle will appear.

6. When you have connected at least four dots in a vertical, horizontal or diagonal direction, lift your finger from the screen.

7. Tap **Continue** to record the pattern.
8. Confirm the new pattern by redrawing it and then tapping **Confirm**.

Once the feature is enabled, additional unlock pattern options are then enabled from within the **Location and security** menu list.

## Configuring the Unlock Pattern Settings

To disable the screen unlock settings:

1. Press > and tap > **Location and security**.
2. Tap the **Change screen lock** box to select it.
3. Enter your current lock pattern.
4. Tap **None**.

To remove the visible unlock pattern from the Lock screen:

1. Press > and tap > **Location and security**.
2. Tap the **Use visible pattern** box to select it.
   - Clearing this selection prevents the unlock pattern from displaying on the unlock screen when you draw it to unlock the screen.

What to do if you have forgotten your pattern:

If you fail to draw the correct unlock pattern on the screen after five attempts, you are prompted to wait for 30 seconds before you can try again.

- If you have forgotten your screen unlock pattern, tap **Forgot pattern?**.
  - Sign in using your Google account name and password, and create a new screen unlock pattern before regaining access to the Home screen.

### Changing the Unlock Pattern

1. Press > and tap > **Location and security**.
2. Tap the **Change screen lock** box to select it.
3. Enter your current lock pattern.
4. Tap **Pattern**.
5. Draw and repeat a new pattern. (See “Creating an Unlock Pattern” on page 64.)

### Creating a PIN to Unlock the Screen

1. Press > and tap > **Location and security**.
2. Scroll down to the menu list and tap **Set screen lock** > **PIN**.
3. Use the onscreen keyboard to enter a numeric pin and tap **Continue**.
4. Re-enter the same numeric sequence and tap **OK**.

To change your PIN:

1. Press > and tap > **Location and security**.
2. Scroll down to the menu list and tap **Change screen lock**.
3. Use the onscreen keyboard to enter a numeric pin and tap **Continue**.
4. Tap **PIN**.
5. Use the onscreen keyboard to enter a numeric pin and tap **Continue**.
6. Re-enter the same numeric sequence and tap **OK**.

## *Using Visible Passwords*

This feature allows you to view the text being entered into a password field as you type it instead of a string of asterisks. This feature is enabled by default.

To disable visible passwords:

1. Press > and tap > **Location and security**.
2. Tap **Visible passwords** to deselect the check box.

## *Managing Your Available Memory*

You can manage the information and configuration related to both your microSD card and built-in device storage memory.

To view your device's total available memory:

1. Press > and tap > **SD card and device storage.**
2. Review the two memory sections for available space information:
   - **External SD card** displays the memory information specific to an installed microSD card. This amount of space can be altered by replacing the current microSD card.
   - **Internal device storage** displays the memory information specific to the built-in device memory. This memory amount can not be altered because it is part of the device hardware.

To view your microSD card storage information:

1. Press > and tap > **SD card and device storage.**
2. Locate the **External SD card** section.
3. Review the available fields:
   - **Total space** indicates the total size of the currently inserted microSD card. This includes both available and used space information.
     - To determine the amount of memory currently used on the card, take the total space and subtract the remaining available space.

*Note:* Not all of the microSD card is registered in the available space, as a small percentage of the storage is unread. A 16GB microSD card will show approximately 14.73GB of total space.

   - **Available space** indicates the amount of remaining free memory space available on the microSD card.
   - **Unmount SD card** allows you to "disconnect" the microSD card from the device. This severs the connection so the card can be safely removed or reformatted.
   - **Mount SD card** allows you to "re-connect" the microSD card to the device and initiate detection and communication.

- **Format SD card** allows you to format (erase data from) the microSD card. This can be done only after a card has been properly unmounted.

To view your device's storage information:

1. Press > and tap > **SD card and device storage.**
2. Locate the **Internal device storage** section indicating the available storage space within the device's memory.

## Manage Running Services

This service is an efficient method for managing power consumption and processor and memory resources. Processes will stop until the device is restarted.

To stop a currently running service:

1. Press > and tap > **Applications > Running services.**
2. Tap an onscreen process entry.
3. Read the **Stop service?** dialog and touch **Stop**.

*Note:* These stopped processes are restarted when the device is restarted.

Third-party Task Manager applications are also available from Android Market.

## Using the Task Manager

Sometimes your device might seem to slow down over time, and background applications are the biggest cause of this slowness. These are applications that were not properly closed or shut down and are still active but minimized. The Task Manager not only lets you see which of these applications are still active in the background but also which ones to close and which ones to allow to continue running.

To shut down a current application:

1. Press and tap > (**Task Manager**).

   – or –

   Press and hold and tap **Task Manager.** This screen contains the following tabs:

   - **Active applications**, which displays those currently active applications running on your device.

- **Package**, which displays any installed packages or applications from the Market that are taking up memory space. Tap **Uninstall** to remove them from your device.
- **RAM manager**, which displays the amount of current RAM (Random Access Memory) currently being used and allow you to **Clear Memory** for either Level 1 or Level 2 (both Level memory locations).

*Note:* Selecting Level 2 automatically selects Level 1.

- **Summary**, which displays a graph indicating the available and used space within the **Program**, **Personal data**, and **External SD card**.
- **Help**, which provides additional battery-saving techniques.

2. From the **Active applications** tab, tap **End** to close selected applications or tap **End all** to close all running background applications.

## *Erasing Device Content*

Use the Manage applications menu to quickly erase selected content and uninstall third-party applications stored in your device.

To clear an application's cache:

1. Press >  and tap  > **Applications** > **Manage applications.**
2. Press  and tap **Sort by size** or **Sort**.
   - This option sorts the listed applications and processes based on one of three available filters: **Running**, **All**, or **On SD card**.

*Note:* **Sort by size** sorts the current Manage applications listing by the amount of memory or cache usage. **Sort** (a-z) sorts the current Manage applications listing alphabetically.

3. Tap the application whose cache you wish to delete.
4. From the Application info screen, tap **Force stop**, **Uninstall**, **Clear data**, **Move to SD card**, **Clear cache**, or **Clear defaults**.

To uninstall applications:

1. Press > and tap > **Applications** > **Manage applications.**

> *Important:* Only applications you have installed yourself can be uninstalled. Applications preinstalled on the device cannot be removed.

2. Tap an application, and from the **Application info** screen, tap **Uninstall**.

## *Resetting Your Device*

Resetting the device restores all the factory defaults, including the ringer types and display settings. All data, including downloaded applications are deleted.

> *Important:* Back up your important data before you perform a factory reset of the device.

1. Press > and tap > **Privacy** > **Factory data reset.** (You will see a disclaimer.)
2. Read the disclaimer and tap **Reset device**.
3. If you are certain that you would like to restore all factory settings, tap **Erase everything**.

## *Troubleshooting Device Freezes or Fatal Errors*

If your device freezes or hangs, you may need to close programs or reset the device to regain functionality.

If your device is still responsive but a program is frozen, close the program using the Task manager.

If your device is frozen and unresponsive, restart the device:

- Press and hold for 8 - 10 seconds. The device will power off automatically.

If your device is still unresponsive, perform a factory data reset:

- Refer to the procedures within “Resetting Your Device” on page 70.

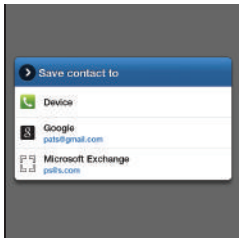
# 2C. Contacts


- Creating a New Contacts Entry (page 71)
- Confirming Contact Synchronization (page 73)
- Groups (page 75)
- Contacts Menu Options (page 76)
- Contacts Entry Options (page 77)
- Editing a Contacts Entry (page 78)
- Adding a Number to a Contacts Entry (page 79)
- Editing a Contacts Entry's Number (page 79)
- Sending Contacts (page 80)
- Assigning a Picture to an Entry (page 80)
- Deleting Entries (page 81)
- Adding Entries to Your Favorites (page 81)
- Adding Facebook Content to Your Contacts (page 81)


*Important:* To verify your Contacts appear on your device, you must sync your email accounts after setup (**Settings > Accounts and sync**). (See "Confirming Contact Synchronization" on page 73.)

## Creating a New Contacts Entry

If existing Google and exchange email accounts have been synchronized to your device, these will be made available to your device during the creation of new entries. New Contacts entries can be assigned or saved to synced accounts such as Device, Google, or Microsoft Exchange.




*Note:* The option to select a destination is only available when you have established a Google or Microsoft Exchange account on the device.

Your device automatically sorts the Contacts entries alphabetically. You can create either a **Device, Google**, or **Microsoft Exchange** contact.

- **Device** contacts are stored locally on the device.

*WARNING:* If the device is ever reset to its factory default condition, locally stored contacts can be lost.

- **Google** contacts are shared with your existing Google account and can also be imported to your device after you have created a Gmail account.
- **Microsoft Exchange** (also known as work or Outlook) contacts are those contacts that are intended to be shared with either an Exchange Server or from within Microsoft® Outlook®.

To add a contact:

1. Press and tap > (**Contacts**).
2. At the bottom of the screen, tap (**Create contact**).
3. If prompted, tap a destination type (**Device, Google,** or **Microsoft Exchange**).

*Note:* You will not see the option to select a destination unless you have previously established a Google or Microsoft Exchange account on the device.

4. Tap the **First name** and **Last name** fields, and enter a name for the new entry.
5. Tap the Device button (to the left of the **Phone number** field) to select a category such as **Home** (default), **Mobile, Work, Work fax, Home fax, Pager, Other,** or **Custom**.
6. Tap a phone number field and enter a phone number.
   - Tap on the keyboard to remove a previously entered phone number.
   - Tap to enter an additional phone number
   - Tap to remove a previously entered phone number.

7. Enter additional information such as **Email**, **IM**, **Postal address**, **Organization** or **More** fields to input additional category information (**Note**, **Nickname**, **Web address**, **Birthday**, or **Anniversary**).
   - Slide the page up or down to see additional fields and categories.
8. Tap **Done** to complete and store the new entry.

After saving the number, your device displays the new entry within the Contact list. (See "Contacts Entry Options" on page 77.)

## *Confirming Contact Synchronization*

Syncing data from your managed accounts allows you to add and manage a new or existing contact from your online or remote accounts to your device. Before syncing, you must first have an active Google or Microsoft Exchange account with Contacts entries and be signed into your account via the device.

With syncing, any Contacts entries (with phone numbers, email addresses, pictures, etc.) are updated and synced with your device.

For more information about syncing existing managed accounts, see "Synchronizing Accounts" on page 58.

1. Press > and tap > **Accounts and sync.**
2. Select an email account containing the contacts you wish to synchronize.
3. Tap within the adjacent account field to reveal the account's synchronization settings screen.
4. To synchronize contacts, tap **Sync Contacts**. A green check mark indicates the feature is enabled.

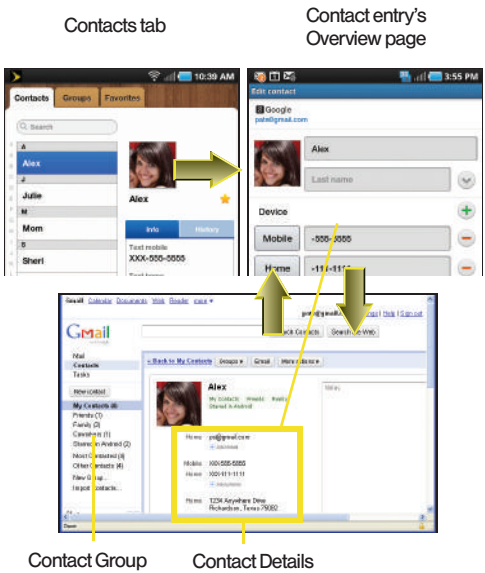
*Note:* Any change on either side (Device, Gmail, or Microsoft Exchange/Outlook Contacts), is reflected on the other side after a sync process.

---

The process of updating your Contacts tab can take several minutes. If after 10-20 minutes, your list has not been updated, repeat step 2-3.

5. Your **Contacts** tab then reflects any updated Contact information.
   - This update process works both ways. For example, any changes on the device are updated to your Gmail contacts list after sync.

*Note:* Syncing contacts requires that you are logged in to your Gmail and corporate accounts via the device.



## *Groups*

This feature allows you to add a new or existing contact to a group. This group can be one of the already present groups (Family, Friends, or Work) or a user-created group.

To create a new group:

1. Press and tap > > **Groups**.
2. If prompted, select a type (**Device**, **Google**, **Microsoft Exchange**, etc.).
3. Tap (**Create Group**).
4. Tap the **Group name** field, enter a name for the new group, and tap **Done**.
5. Tap **Edit member(s)** and add members to the new group.
6. Tap to store the newly created group.

To add an existing contact to a current group:

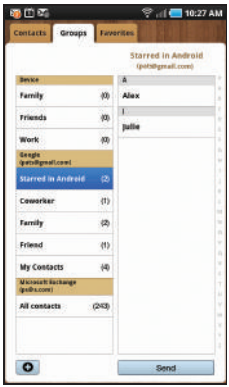
1. Press and tap > > **Groups** > **[type]** (if prompted).
2. Touch and hold **[name of group].**
3. Tap **Edit group members**.
4. From the list of contacts, tap the contact(s) you want to add.

   – or –

   Tap to remove the contact(s) from your group.
5. Touch an existing group.

To send a message to a group:

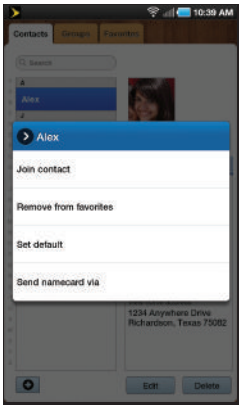
1. Press and tap > > **Groups**.
2. If prompted, select a type (**Device**, **Google**, **Microsoft Exchange**, etc.).
3. Tap an existing group from the listing on the left, and tap **Send** > **Send message**.
4. Select the recipients of the new message (indicated by a green check mark).



5. Tap **Send**.
6. Type your message, and tap **Send**.

## Contacts Menu Options

1. Press and tap > .
2. Tap an entry from the list and select an available contact menu option:
   - **Edit** to edit the currently selected Contacts entry. (See “Editing a Contacts Entry” on page 78.)
   - **Delete** to erase the currently selected Contacts entry. (See “Deleting Entries” on page 81.)




3. Touch and hold an entry from the list and select an available context menu option:
   - **Join contact** to link the current contact to another current contact. Similar to a “see also” feature. If you can’t remember a contact’s information, linking entries can help you find the person you are looking for.
   - **Add to favorites** to copy the current Contacts entry to the list within the Favorites tab (page 81).
   - **Remove from favorites** to remove the current Contacts entry from the Favorites tab.
   - **Add to group** to add the Contact to a group (page 75).
   - **Set default** to assign one the entry’s available numbers as the default (main) contact number.
   - **Send namecard via** to send the current Contact entry’s information to an external recipient via **Bluetooth**, **Email** (Exchange or Internet), or **Gmail**. (See “Sending Contacts via Bluetooth” on page 124.)

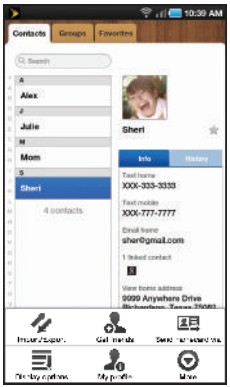
*Note:* Touch and hold a phone number to select from additional context menu options (**Set default** and **Delete**).

*Note:* Before using the Bluetooth feature, it must be enabled, and the recipient's device must be visible.

In addition to Contacts information, other file types (video, image, or audio) can be sent using Bluetooth.

## *Contacts Entry Options*

1. Press and tap > .
2. Tap an entry to display the Contact entry's Info tab. This tab contains Name, contact numbers, email, and linked contact information.
3. Press to reveal the pop-up menu for the Contacts tab.




Available Entry Options

4. Tap an available option.
   - **Import/Export** to import contact information from the microSD card or to export a selected Contacts entry to the microSD card.
   - **Get friends** to obtain additional Contacts from other currently synced and managed accounts such as Gmail and Facebook™ (page 82).
   - **Send namecard via** to send the current Contact entry's information to an external recipient via **Bluetooth**, **Email** (Exchange or Internet), or **Gmail**.
   - **Display options** to configure the display options for Contacts:
     - **Only contacts with phones** to only display those contacts with phone numbers.
     - **Sort by** to sort the Contacts list by either **First name** or **Last name**.
     - **Display contacts by** to display the Contact's name as either **First name first** or **Last name first**.

- **Choose contacts to display** allows you show or hide contacts from different Contact sources such as **Device**, **Facebook**, **Google**, or **Microsoft Exchange**.

- **Delete contacts** to delete selected Contacts entries.
- **My profile** to create a contact entry populated with your own personal information.
- **More** to access additional features (specific to the currently selected Contacts entry) such as **My profile**, **Set default**, **Join contact**, **Send message**, **Send email**, or **Settings**.

## Editing a Contacts Entry

1. Below the contact's Info area, tap **Edit**.
2. Tap a data field such as **First name** or **Email address** to begin editing.

*Note:* Only names of empty data fields are visible. When data is entered, it overwrites the field name.

- **[image icon]** to assign a picture to the entry. (See "Assigning a Picture to an Entry" on page 80.)
- **First name/Last name** to edit the current name.
- **Phone number** to add or delete a phone number. (See "Adding a Number to a Contacts Entry" on page 79.)
- **Email address** to add or delete an email address.
- **Instant msg** to assign an existing Google IM client contact name.
- **Groups** to edit the group association.
- **Postal address** to enter a physical address for the contact. Choose from **Home**, **Work**, **Other**, or **Custom**.
- **Organization** to enter business information such as company name.
- **More** to add additional categories such as **Note**, **Nickname**, **Web address**, **Birthday**, and **Anniversary**.

*Note:* Some fields may appear in different order or within the **Add more fields** menu.

3. Tap **Done** to store your updates.

## Adding a Number to a Contacts Entry

1. Below the contact's Info area, tap **Edit**.
2. From the phone numbers area, tap (**Add phone number**) to create a new empty **Phone number** field within the selected phone number category.
   - Tap to enter an additional phone number
   - Tap to remove a previously entered phone number.
3. Tap the Device button (to the left of the **Phone number** field) to select a category such as **Home, Mobile** (default), **Work, Work fax, Home fax, Pager, Other, Callback,** or tap **Custom**.
4. Tap the **Phone number** field to enter the new number.
5. Tap **Done** to update the new number to the existing Contacts entry.

## Editing a Contacts Entry's Number

1. Below the contact's Info area, tap **Edit**.
2. Tap an existing phone number field.
3. Tap to clear one digit at a time.
4. Re-enter or edit the number using the onscreen keyboard.
5. Tap **Done** to update the number to the existing Contacts entry.

## Sending Contacts

1. Press and tap > .
2. Tap an entry to open its overview page.
3. Press and tap **Send namecard via** to send Contact entry information to an external recipient.
4. Tap those entries you wish to send.
5. Tap **Send** and select a delivery method:
   - **Bluetooth** to transmit this contact information to another Bluetooth-compatible device.
   - **Email** to attach the contact card to outgoing email (Exchange or Internet).
   - **Gmail** to attach the contact card to outgoing Gmail email message.

## Assigning a Picture to an Entry

Assign a picture to a particular contact.

Assigning a picture via the device:

1. Below the Contact's Info tab, tap **Edit**.
2. Tap the image icon or current image (upper-left).
   - Open an image location (**Album**, **Take photo**, or **Remove icon**) and tap an onscreen image to prepare it for use.
     - Press to return to the previous screen.
3. Touch and drag along the sides of the orange border box to begin cropping the desired area, and then tap **Save** to assign the selected picture.

Applying a picture to your Google Contact from within your online Gmail:

1. Log into your Gmail account and go to your Contacts page.
2. Select a Contacts entry (with a check mark) and click the image area (**Change Picture**).
3. Click **Browse** to locate a local copy of your image.
   - You can also choose an image from other sources such as Picasa® Web.
4. Crop the visible area of your selected picture and click **Apply Changes**.
5. Sync your new contact from your online Gmail to your device. See “Confirming Contact Synchronization” on page 73.

## Deleting Entries

1. Below the contact’s Info area, tap **Delete.**
2. Tap **OK** to confirm the deletion.

## Adding Entries to Your Favorites

The Favorites tab is a listing that can help you quickly access your most used or preferred Contacts entries.

1. Press and tap > .
2. Touch and hold an entry name from the Contacts listing.
3. From the context menu, tap **Add to favorites**.

*Note:* Another method to add or remove an entry from your favorites is to toggle the state of the star icon on the contact’s details page (upper-right). Tap to add the entry to your favorites (star is lit), tap again to remove.

## Adding Facebook Content to Your Contacts

You can now add your Facebook contact information, such as pictures, email addresses, and phone numbers directly to your Contacts list. All of your current contact information is then migrated over to your device.

*Note:* You must first have an active Facebook page populated with friends sharing their contact information.

If a Contacts entry already exists with a slightly different name, separate entries are created and can later be linked (joined) together into a single entry.

## *Log In to Facebook*

1. Press and tap > (**Facebook**).
2. Tap **I agree** to accept the terms of the End-User License Agreement.
3. Enter your account's access **Email** and **Password** information and tap **Login.**
4. Select your contact sync options (**Sync all**, **Sync with existing contacts**, or **Don't sync**) and tap **Next** > **Finish**.
5. Press and tap **Friends** to confirm your current friends list.

## *Adding Your Facebook Friends to Your Contacts*

Before you can add your friends, you must add your Facebook account to the list of managed and synchronized accounts. The process is similar to synchronizing your email accounts.

You can not only synchronize your contact information but also your status, events, and more.

1. Press and tap > .
2. From the Contacts tab, press and tap **Get friends** > **Add my account** > **Add account**.
3. Tap **Facebook** from the **Add an account** screen.
   - This process adds your Facebook account to the list of managed and synchronized accounts. In this case for the purpose of maintain your Facebook contacts synchronized with your device's Contacts list.
4. Tap **Next** and enter your account's **Email** and **Password** information.
5. Tap **Log in** to begin the synchronization process.

6. Select a sync interval (from **1 hour** to **Once a day**) and tap **Next**.
7. Tap the data types you wish to synchronize (all are enabled by default). A green check mark indicates the feature is enabled.
   - Choose from: **Sync Contacts**, **Add all friends**, or **Sync Calendar**.
8. Tap **Done** to save these settings and return to Accounts and sync screen.
9. Press and tap > to that your Facebook contacts are now synchronized and appear in your Contacts list.

## *Linking Multiple Contact Entries*

Linking similar Contacts entries allows you to consolidate listed entries. Multiple entries such as Alex Home, Alex At Work, and Alex Cell can be consolidated or joined into a single Alex entry listing.

When synchronizing Facebook friends to your existing Contacts list, some friends' names may not match your current list names.

*Note:* If friends do not have a posted phone number, then only their email address will be added.

1. Press and tap > .
2. Tap an entry from the list you wish to use as your main source of contact information. This "duplicate" entry will be used as your primary Contacts entry. Its Contact image, phone and email address will be used as the primary for this contact.

*Note:* In the case of Facebook contacts, if you prefer to use their image, phone, email, and other personal information as your main source for the selected contact, its is recommended that you select this Facebook contact as your main Contacts entry in step 2.

3. From the Contacts tab, touch and hold an entry and select **Join contact**.
4. Tap the duplicate Contacts entry.
   - The duplicate entry is then merged into the previous entry. The previous image, email address, phone numbers, are kept as the primary and supplemented by your newly "joined" entry.

## *Unlinking Contacts*

1. Press and tap > .
2. Tap an entry from the Contacts list.
3. From the Contacts tab, touch and hold an entry and select **Join contact**.

*Note:* The number of linked contacts appear within the Linked Contacts area. The source of those contacts is also shown (ex: Google, Facebook, etc.)

4. Tap to remove a selected contact source from the current entry. The removed entry then reappears within the Contacts list.

# 2D. Calendar & Tools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- Calendar (page 85)
- My Files (page 91)
- Memo (page 92)
- Alarm Clock (page 92)
- Digital Frame (page 93)
- Daily Briefing (page 95)
- Kindle (page 96)
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- Updating Your Device Firmware (page 98)
- Updating Your Android Operating System (page 100)
- Updating Your Profile (page 100)
- Updating Your PRL (page 101)


## Before You Begin

Before using Google applications such as Gmail and Google Calendar, you need to have an active Google account (page 51).

Google Calendar is an application that synchronizes new and existing entries between your device and your online Google account.

## Calendar

### Synchronizing Microsoft Exchange Calendar Events

Exchange calendars are not synchronized to your device by default; this account type must be manually added. Although we previously described how to add an exchange account to your list of managed accounts, this only allows your device to track that account type's email.

Calendar events must be added and tracked by your device separately.

*Note:* These procedures are similar for both Gmail and other Internet email services.

To add Microsoft Exchange calendar events to your device's managed account tracking:

1. Press > and tap > **Accounts and sync.**
2. Locate the exchange email account within the Managed accounts area of the screen.
   - If not present, you will have to add this account (page 59).
3. Tap within the **Microsoft Exchange** account field to reveal the account's synchronization settings screen.
4. Tap **Sync Calendar** to activate the synchronization of calendar events between your device and the remote exchange server. A green check mark indicates the feature is enabled.

*Note:* It might be necessary to toggle the feature on and off to force a re-sync.

To manually sync your calendar events to a managed Microsoft Exchange account:

1. Press > and tap > **Accounts and sync.**
2. Tap within the **Microsoft Exchange** account field.
3. Tap the green check mark to toggle it off then back on. (See "Synchronizing Your Microsoft Exchange Account" on page 59.)

## *Configuring Calendar Settings*

1. Press and tap > **(Calendar)**.
2. Tap > **Settings**.
3. Tap an onscreen option:
   - **Calendars** displays the currently managed accounts. Tap an entry to change the sync state of the account.
   - **Calendar sync** provides access to the sync settings screen where you can enable or disable the sync status of your managed accounts and add more accounts.

- **First day of week** sets the calendar week to start with either **Sunday** or **Monday**.
- **Hide declined events** hides (checked) or displays (unchecked) events that have been declined via the calendar application.
- **Vibrate** assigns a vibration for a calendar event notification.
- **Select ringtone** allows you to assign a ringtone to an upcoming calendar event notification.

## *Adding an Event to the Calendar*

Your Calendar helps you organize your time and reminds you of important events.

1. Press and tap > **(Calendar)**.
   - The default view for the Calendar is the **Month** view.
   - To change the view, tap the available tabs along the top (in portrait view) or on the upper-left (in landscape view) of the Calendar screen. Choose from **Month**, **Week**, **Day**, and **List**.

*Note:* To synchronize calendar events among your Google and Microsoft Exchange accounts, make sure they are being managed by your device (page 58).

*Note:* All day are highlighted within the Calendar.

2. Tap in the upper-right of the Calendar screen.
3. Tap the **Type to enter title** field and enter a title for the event.

4. Select a **From** and **To** date and time for the event by tapping the corresponding fields and adjust the values by tapping + or −.
   - Tap the **AM** or **PM** button to change the value.
   - Tap **Set** when finished.
5. Tap the **All day** check box to assign this as an all day event. If assigned as an all day event, the time fields are removed as options.
6. Select a recurrence cycle for the event by tapping the **Repeat** field.
   - Select **One-time event**, **Daily**, **Every weekday (Mon-Fri)**, **Weekly (every [Day])**, **Every 2 weeks (Day)**, **Monthly (every xx [Day])**, **Monthly (on day [Number])**, and **Yearly (on [Month Day])**.
7. Assign the new calendar event to a current account by tapping the **Calendar** field and then selecting an account. A Google account was used for this example.
   - **My calendar** are calendar entries that are stored locally on the device and not part of an email account.
   - **Google/Gmail** are calendar entries that are synchronized between your device and your online Google account.
   - **Microsoft Exchange** are calendar entries that are synchronized between your device and either an Exchange Server or available from within Microsoft® Outlook®.

*Note:* Some of the previous options appear when compatible email accounts (such as Outlook) have been created and synced. If also supported, additional categories appear: **Business**, **Red Category+**, **Important**, and **Personal.**

8. Enter a location for the event in the **Location** field or by tap and then assign a location from within Google Maps.
9. Assign participants by either entering an exchange email address directly into the participants field or by tapping and selecting from your current Contacts entries email addresses:
   - **Contacts** allows you to choose participants from your current pool of available contacts (local and managed accounts). Tap entries and tap **Add**.

- **Group** allows you to choose participants by selecting a group category and then choosing contacts within it. Participants assigned to those groups are then automatically added and notified of your new event. Tap entries and tap **Add**.
- **Favorites** allows you to choose participants by selecting the favorites category. Tap entries and tap **Add**.

*Note:* When you add participants to a Calendar event, an email invitation is sent to the participants' email when the event it saved.

10. Select an alarm time by tapping the **Alarm** field.
    - Select **None, On time, 5 mins before, 15 mins before, 1 hour before, 1 day before, 2 days before, 1 week before,** or **Customize**.
    - **Customize** allows you to manually enter a specific interval. Tap **OK** to complete the custom assignment.
11. Enter a description for the event in the **Note** field.
12. Tap **Done** to store the new event and synchronize it with your selected account.

## *Event Reminders*

When your device is turned on and you have an event alarm scheduled, there are several ways your device alerts you to scheduled events:

- By playing a short beep.
- By indicating a icon within the status bar.

To view additional options:

1. Tap the status bar, and then slide your finger down the screen to open the Notifications panel.
2. Tap the upcoming event name from the onscreen list to display the event within the Calendar notifications screen.
3. Tap an option to select it:
    - **Snooze all** to snooze all event reminders for five minutes.
    - **Dismiss all** to dismiss all event reminders.
    - Press to keep these reminders in place and close the Notifications panel.

## Viewing Events

1. Press and tap > . Once an event has been created, entries are shown in the selected view mode (**Day**, **Week**, **Month**, or **List**).
2. To view a Calendar event further out, tap either **Week** or **Month**.
3. Tap the day for which you would like to view events. (Your device lists events based on their start times.)
4. To display an event's details, tap it from the current screen.

## Going to the Current Day's Calendar Menu

► From Calendar view, tap **Today** (from the upper-right corner of the screen).

*Note:* If in the Month (tab), todays date is indicated with a blue circle. Event names are shown in bold. All day events are shown with a colored box. Tap a day from this view to display a list of events at the right of the screen.

## Editing an Existing Event

1. Press and tap > .
2. Tap an event and then tap **Edit**.
3. Make any needed modifications (event name, location, participants, alarm, repetition, etc).
4. Tap **Done** to store the new updates and synchronize them with your assigned account.

## Erasing a Day's Events

1. Press and tap > .
2. Tap the **Day** tab on the Calendar screen.
3. Press and tap **Delete**.
4. Tap **All this day** to delete all events on this day.

   – or –

   Check only those events you want deleted.
5. Tap **Delete** > **OK** to erase the selected events and then synchronize this action with your managed account.

### *Erasing a Month's Events*

1. Press and tap > .
2. From the main Calendar screen (Month tab view), press and tap **Delete**.
3. Tap **All this month** to delete all events currently available for this managed account.

   – or –

   Place a check mark only on those events you want deleted.
4. Tap **Delete** > **OK** to erase the selected events and then synchronize this action with your managed account.

## *My Files*

My Files allows you to view a list from which you can launch a file if the associated application is already on your device (ex: MP4 and DivX).

*Note:* The (best) MP4 video playback setting for this device is 720x480 (480p SD video).

### *Accessing File Viewer*

► Press and tap > (**My files**). Navigation in this viewer works on a hierarchy structure with folders, subfolders, etc.

### *Opening Files in File Viewer*

1. Press and tap > (**My files**).
2. Tap a folder and scroll up or down until you locate your selected file.
   - Tap to back up into a higher directory.
   - Press for these additional options: **New folder**, **Rename**, and **Details**.
3. Once you have located your file, tap the file name to launch the associated application.

## Memo

Your device comes with a memo application that you can use to compose and store reminders and notes to help keep you organized.

To compose a memo:

1. Press and tap > (**Memo**).
2. Tap and begin entering text using the onscreen keyboard.
3. Tap **Done** to store the new memo.

## Alarm Clock

Your device comes with a built-in alarm clock that has multiple alarm capabilities. You can create up to 12 alarm events.

1. Press and tap > (**Alarm Clock**).
2. To activate an alarm, tap .

*Note:* A new alarm can also be created from the Alarm page by pressing > **Add alarm**.

3. To edit an alarm, tap the entry and then tap the **Time** field to adjust the alarm time.
   - Adjust the hour and minute by tapping either or .
   - Tap the **AM** or **PM** button to change the value.
   - Tap **Set** when finished.

*Note:* The number of hours and minutes left before the alarm goes off is briefly displayed onscreen after you set the new alarm time.

4. Tap **Ringtone** to select an audio ringtone that will sound with the alarm.
   - Tap a ringtone to hear an audio sample.
   - Tap **OK** to accept the ringtone assignment.
5. Tap **Vibrate** to add a vibration feature to the alarm.
6. Tap the **Repeat** field to select a repeating status for the alarm.
   - Place a check mark adjacent to the desired repetition days and tap **OK**.
7. Select a unique name for this alarm event by tapping the **Label** field, entering a new label, and tapping **OK**.

8. Tap **Done** to store the new alarm event.

*Note:* When an alarm goes off, an onscreen message appears with the option to **Snooze** or **Dismiss** the current alarm.

*Note:* To allow the alarm to sound even while the device is in silent mode, press and tap **Settings**, and then activate the **Alarm in silent mode** field.

To delete an Alarm event:

1. Press and tap > .
2. Touch and hold an alarm event, tap **Delete alarm**, and then tap **OK**.

To disable an Alarm event:

1. Press and tap > .
2. Touch and hold an alarm event and tap **Deactivate alarm**.

   – or –

   Tap the green alarm clock icon next to an active alarm to cancel it.

To customize the onscreen clock:

1. Press and tap > .
2. Tap the onscreen alarm clock at the top of the Alarm Clock screen).
3. Scroll across the bottom field to temporarily view each selection.
4. Tap an image to select a new clock face.
5. Tap **Set clock style** to save the new face.

To hide the onscreen clock:

1. Press and tap > .
2. Press and tap **Hide clock**.

## *Digital Frame*

This application can act as a digital picture frame showing either a clock, a picture slideshow, or music slideshow.

► Press and tap > (**Digital Frame**).

To access the settings:

► Press and select an option:

- **Clock style** to choose an available clock display format.

- **Go to music** to access the music player application and initiate playback from your current playlist.
- **Timeout** to establish a timeout period for the onscreen digital clock or playback.
- **Screen Brightness** to adjust the screen brightness either automatically or manually.
- **Time Format** to select either a 12 or 24 hour time format.
  - Tap **Use 24-hour format** to set the clock to a 24 hour format (military time).
  - Uncheck this field to revert back to a 12 hour format.

## *Creating a Picture Frame Slideshow*

1. Tap the clock screen to view the context menu.
2. Tap **Slideshow** from the available options:
   - **Clock** to activate the digital frame to display a clock (default).
   - **Slideshow** to create a slideshow of selected onboard images.
   - **Music** to launch the music player and begin playing music from a selected playlist as a background to your onscreen picture slideshow.
3. Tap the screen and select **Slideshow**.
   - You can also tap **Select all** to choose all available image folders.
4. Tap **Done** to complete the selection.

To adjust the slideshow properties:

► Press and select an option:

- **Add to slideshow** to select additional image folder and add them to the current slideshow.
- **Slideshow effects** to alter the image transition effects. Choose from: **Fade in/out**, **Drop**, **Flow**, **Moving frame**, **Zoom**, **Page turn**, **Wave**, and **Blind**.
- **Duration** to adjust the time length of each image on the screen.
- **Go to music** to access the music player application and initiate playback from your current playlist.
- **Timeout** to assign a screen timeout for the current slideshow.

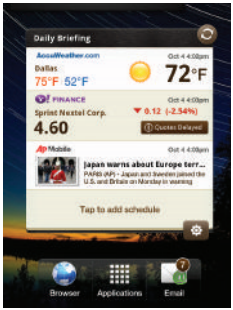
- **Screen Brightness** to adjust the screen brightness either automatically or manually.

## Daily Briefing

With Daily Briefing, you can monitor the weather, financial information, news, and your schedule from one convenient location.

The Daily Briefing is tied to the Daily Briefing application found within the Application screens ( ).

This application consists of four different screens.




To configure Daily Briefing:

1. Press and tap > (**Daily Briefing**).

*Note:* Each screen of the Daily Briefing application corresponds to one of the four display areas on the Daily Briefing widget.

2. Tap within the **AccuWeather.com** page to search for a configure a weather destination.

   – or –

   Tap within the **AccuWeather.com** page.

   - Use the **Search** field to locate a city.
   - Tap the matching city name.
   - If desired, tap **Add** to update the city list with more cities to track.
   - Press to return to the previous page.

3. Scroll across the screen and tap within the **Finance** page to search for a company's stock by either name or ticker symbol.

   – or –

   Tap within the **Finance** page.

   - Use the **Search** field to locate a desired company.
   - Place a check mark beside a matching name or ticker symbol and tap **Save**.
   - Optionally, tap **Add** to update the city list with more cities to track.
   - Press to return to the previous page.

4. The **AP Mobile** page is a live feed and cannot be configured.
5. Scroll across the screen and tap within the **Schedule** page to add a scheduled event.

   – or –

   Tap within the **Schedule** page.
6. Configure a calendar event and tap **Done** to save the event. See “Calendar” on page 85.
7. Press to return to the Application screens.
8. Locate your Daily Briefing widget and confirm your information is being tracked and updated properly.

## Kindle

Amazon Kindle is a software and hardware platform developed by Amazon.com. The Kindle software found on your device can be used to read e-books and other digital media.

The Kindle supports the **.mobi** book format. You must have an amazon.com account to purchase or download Kindle-compatible files.

1. Press and tap > (**Kindle**).
2. Enter your Email address and Password if you already have an account.

   – or –

   Tap **Register** and follow the onscreen prompts to set up a new account.

To browse or buy books:

► Press and tap **Kindle Store**.

To download books you already own:

1. Press and tap **Archived Items**.
2. Tap your previously purchased book to begin the download.

## World Clock

This application allows you to view the time in other parts of the world. World clock displays time in hundreds of different cities, within all time zones around the world.

To add a new city entry:

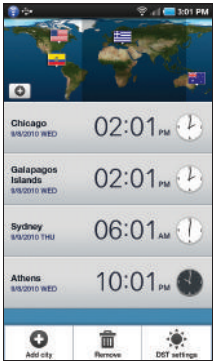
1. Press and tap > (**World clock**).
2. Tap to add a city to the World clock list.

   – or –

   Press and tap **Add city**.
3. Scroll through the list of available major cities

   – or –

   Enter a city within the **Search** field.
4. Tap a city to add it to the list.




To remove a city from the list:

1. Press and tap > (**World clock**).
2. Press and tap **Remove**.
3. Place a check mark alongside those cities you wish to remove from the list.
4. Tap **Remove** to complete the deletion.

To assign Daylight Savings Time:

1. Press and tap > (**World clock**).
2. Press and tap **DST settings**.
3. Tap alongside those cities you wish to adjust for daylight savings time.
   - Tapping the icon once adds an extra hour to the current city 1.
   - Tapping the icon twice adds 2 hours to the current city 2.
4. Tap **Set** to save the new adjustment.

## Updating Your Device Firmware

You can update your device's software using the **Update Firmware** option.

### Before Updating Your Firmware

**Updating your device firmware will erase all user data from your device.** You must back up all critical information before updating your device firmware.

As an added precaution, to preserve any data on your microSD card, please remove it from your device before starting the update process. (See “Removing the microSD Card” on page 104.)

*Note:* It's important to have a fully charged battery and to be in a good network signal area.

#### Back Up Your Data Before Updating

To back up your Gmail information:

1. Press > and tap > **Accounts and sync**. (See “Synchronizing Accounts” on page 58.)
2. Tap the **Auto-sync** option to enable the feature (check mark). (See “Configuring Data Synchronization Settings” on page 160.)
   - If the **Auto-sync** option is on, email, Calendar and Contacts automatically synchronize whenever a change is made.
   - If the **Auto-sync** option is off, simply tap within the account field to reveal the account's synchronization settings screen.

To back up your Exchange Mail information:

1. Press > and tap > **Accounts and sync.** (See “Microsoft Exchange Email (Outlook)” on page 154 and “Synchronizing Accounts” on page 58.)
2. Tap within the **Microsoft Exchange** account field to reveal the account's synchronization settings screen.
3. Tap the onscreen check mark to toggle the activity state of the feature. This process manually synchronizes the desired category (Contacts or Calendar).

To back up stored text messages:

1. Press and tap > (**Messaging**).
2. Select the text message from the list to view the message thread.
3. From the message string screen, touch and hold on a text message bubble. The **Message options** context menu appears.
4. Tap **Forward**.
5. Enter the recipient's phone number and tap **Send**.

To restore your Android Market applications:

Your Android Market purchases are stored remotely and can be reinstalled after the update is applied. (See "Using the Android Market" on page 161.)

1. Press and tap > (**Market**).
2. Press and tap **Downloads**.
3. Scroll through the list of previously downloaded Google applications and choose one you wish to reinstall.
4. Follow the onscreen instructions.

## *Updating Your Device Firmware*

Once you have backed up all your data, use the **Update Firmware** option to update your device firmware.

1. Press > and tap > **About My Galaxy Tab™ > System Updates**.
2. Tap **Update Firmware**. (Your device automatically downloads and installs any available updates. You may be required to power your device off and back on to complete the software upgrade.)

   – or –

1. Locate the System Update Available icon ( ) in Notifications.
2. Tap the status bar to reveal the Notifications tab, and then drag the tab to the bottom of the screen to open the Notifications panel.
3. Tap to open the System Updates screen.
4. Tap **Download** and follow the onscreen instructions. ( appears within the status bar to indicate the device is downloading the necessary files.)

5. Tap **Restart & install** to complete the process.

*Note:* The Notifications panel can also be opened on the Home screen by pressing and then tapping **Notifications.**

### Confirm Your Current Device Firmware

1. Press > and tap > **About My Galaxy Tab™**.
2. Scroll to the bottom of the page and locate the **Baseband version** read-only field.

## *Updating Your Android Operating System*

This option allows you to update the Android Operating System (OS) on your device via an over-the-air connection.

1. Press > and tap > **About My Galaxy Tab™ > System Updates > Update Android**.
2. Follow the onscreen instructions.

– or –

1. Locate the Android OS Update Available icon ( ) in Notifications.
2. Tap the status bar to reveal the Notifications tab, and then drag the tab to the bottom of the screen to open the Notifications panel.
3. Tap the **Android update available** field.
4. Tap **Download** and follow the onscreen instructions.

## *Updating Your Profile*

This option allows you to automatically update your online user profile information. If you choose to change your user name and select a new one online, you must then update the user name on your device.

1. Press > and tap > **About My Galaxy Tab™ > System Updates > Update Profile**.
2. Follow the onscreen instructions.

*Note:* If your data services or account syncing ever seems to go out unexpectedly, use this feature to reconnect with the network.

## Updating Your PRL

This option allows you to download and update the PRL (preferred roaming list) automatically.

1. Press > and tap > **About My Galaxy Tab™ > System Updates > Update PRL**.
2. Follow the onscreen instructions.

# 2E. Voice Services


- Voice Input Recognition (page 102)
- Text-to-Speech (page 102)
- Voice Search (page 103)


*Important:* The **Voice Control** (Speech to Action) feature will not launch if you are currently in an active menu.

## Voice Input Recognition

1. Press > and tap > **Voice input and output** > **Voice recognition settings**.
2. Configure the available options to alter the settings associated with this feature.
   - **Language** selects an input language and associated dialect recognition (if available).
   - **Safe Search** sets the explicit image filter settings. These settings apply to only Google voice search results. Choose from: **Off**, **Moderate**, or **Strict**.
   - **Block offensive words** allows you to block recognition of known offensive words or language. (A green check mark indicates the feature is active).
   - **Show hints** displays hints on a search box.
3. Press to return to the previous screen.

## Text-to-Speech

This feature uses computer-synthesized speech to read aloud onscreen data such as messages.

### Text-to-Speech Settings

1. Press > and tap > **Voice input and output** > **Text-to-speech settings**.
2. Set or launch any of these options:
   - **Listen to an example** plays a short example of what the text-to-speech feature will sound like on your device when activated.

- **Always use my settings** overrides any conflicting application settings with those you set up within this text-to-speech settings screen. If enabled and available as a feature, your device will default to using the text-to-speech feature.
- **Default engine** sets the speech synthesis engine used for the spoken text. Default is **Pico TTS**.
- **Install voice data** confirms the installation of necessary data required for voice synthesis. Tap this to download and install the free app from Android market.

*Important:* Before initial use, activate the **Install voice data** function to properly activate and use the text-to-speech feature.

- **Speech rate** adjusts the rate at which onscreen text is spoken by the device. Choose from: **Very slow**, **Slow**, **Normal**, **Fast**, and **Very fast**.
- **Language** assigns the language used by the verbal readout. Choose from **German (Germany)**, **English (United Kingdom)**, **English (United States)**, **Spanish (Spain)**, **French (France)** or **Italian (Italy)**.
- **PicoTTS** assigns the TTS settings. These settings must be obtained from the Android Market.

3. Press to return to the previous screen.

## *Voice Search*

Voice Search works similarly to the Voice Dialer. It uses built-in voice recognition software to listen to your spoken words, convert those to text, and then launch a Google search using that text.

1. Press and tap > **(Voice Search)**.

   – or –

   From the Home screen, touch on the right side of the Google Search bar.
2. Speak clearly into the microphone. If an error occurs, tap **Speak again**.
3. From the onscreen Google search page, tap a matching entry.

For more information, see “To search the device and Web via Voice Search:” on page 21.

# 2F. microSD Card


- Your Device's microSD Card and Adapter (page 104)
- Connecting Your Device to Your Computer (page 106)
- microSD Card Settings (page 108)
- Important Connection Information (page 109)


## Your Device's microSD Card and Adapter

### The microSD Card

Your device comes with a 16GB SDHC (Secure Digital High Capacity) memory card. It allows you to store images, videos, music, and voice data in your device.

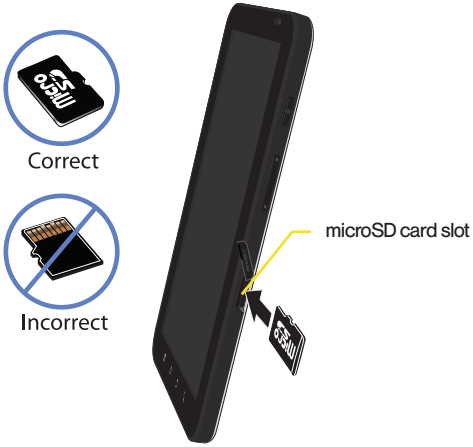
*Important:* Camera, camcorder, Media Hub, and music playback features require that you have a memory card installed. Although the device comes with a 16GB card, it can support cards of up to 32GB.

### Removing the microSD Card

*Note:* Before removing the microSD card, it is recommended you unmount it through the SD card and device storage menu ( > > **Settings > SD card and device storage > Unmount SD card**).

1. Place your fingernail into the card slot and pull the cover outwards.
2. Firmly press the card into the slot and release it. The card should pop partially out of the slot.
3. Remove the card from the slot.
4. Replace the card cover.

*Note:* You can easily damage the microSD card and its adapter by improper operation. Please be careful when inserting, removing, or handling it.




*WARNING:* Do not push the card in too far as this can damage the contact pins.

*Note:* Be sure to use only recommended microSD cards (not to exceed 32GB). Using non-recommended microSD cards could cause data loss and damage your device.

## Reinserting the microSD Card

1. Place your fingernail into the card slot and pull the cover outwards.
2. Position the card with the gold strips facing down.
3. Firmly press the card into the slot and make sure that it catches with the push-click insertion.

*Note:* Make sure the microSD card's gold contacts are facing down.

## microSD Icon Indicators

The following icons show your microSD card connection status at a glance:

– card has been unmounted (released from use) from the device.

– card is being prepared for mounting and its contents are being scanned.

– card has been properly unmounted from the device but is missing.

– card has been incorrectly removed or improperly mounted.

*WARNING:* **DO NOT** remove a microSD card while the device is accessing or transferring files. Doing so will result in loss or damage of data. Your data may become damaged or lost if the battery runs out while you are using the microSD card.

## *microSD Adapter*

The supplied microSD adapter allows you to use microSD cards in other SD-compatible devices, like computers, cameras, and printers. Before using the microSD card with an SD-compatible device, you will need to insert the microSD card into the microSD adapter.

To insert the microSD card into the microSD adapter:

- With the label side of the microSD card facing up, insert the card into the supplied microSD adapter, and gently slide the card until it is fully inserted.

To remove the microSD card from the microSD adapter:

- Hold the front edge of the microSD card, and gently pull it out to remove it from the adapter.

### Write Protection

The microSD adapter has a built-in Write Protection lock to prevent accidental overwriting or removal of your data when the microSD card and adapter are inserted in another device.

- Slide the Write Protection lock tab down into the "Lock" position to prevent overwriting of data. To allow data to be added or removed from the microSD card, slide the Write Protection lock tab up into the normal position.

# *Connecting Your Device to Your Computer*

Before using your device's mass storage capabilities, you need to prepare your device's data services to synchronize with your desktop or laptop computer. Once you have connected the device to the computer, you can transfer your data to or from the microSD card.

*Important:* If you can not connect to the microSD card, confirm your **USB debugging mode** is not active (**Settings** > **Applications** > **Development** > **USB debugging**).

## *Before You Begin*

Here is what you will need to have before you can successfully establish a connection between your device and a desktop or notebook computer.

- an installed microSD card
- a compatible USB cable (included)

1. With the microSD card installed, connect your device to your computer using a compatible USB cable. (Wait for the connection to be completed. When connected, the host computer will automatically detect your device.)
2. The USB icon ( ) now appears in the top left Notifications area on your device.
3. Drag down the status screen to reveal the Notifications page (or from the Home screen press and tap **Notifications**).
4. Tap **USB connected > Mount > OK** to join the card to your device. This "mounting" allows you to access and copy files between your computer and your device's microSD card.

*Important:* The external microSD card MUST BE MOUNTED before your computer detects it and you are able to communicate with it.

5. Locate the newly created drive letter on your computer. You can now begin to use the microSD card as a storage device.

To remove the connection:

- When you have finished transferring data, tap **Turn Off** and follow the onscreen instructions to safely unplug the USB cable.

### Transferring Data Directly to and From the microSD card

You can access the microSD card and use it just as easily as any other storage device.

1. Connect the USB cable and tap **Connect to PC**.
2. From your computer's desktop, click **Start > My Computer > [device drive letter]** to display the folders and files currently available on the microSD card.

3. Open a folder on your computer and begin transferring files from your computer to the microSD card's target folder.

*Note:* This process can be reversed to copy data from the microSD card to the connected computer.

To remove the connection:

1. When you have finished transferring data, click the USB device icon on your computer's taskbar, and follow the onscreen instructions to safely unplug the USB cable.
2. To complete the disconnect process, touch and drag the **Disconnect** slider.

## Creating Folders on the microSD Card

1. From your computer's desktop, click **Start** > **My Computer** > **[device drive letter]**.
2. Right-click and select **New** > **Folder**.

*WARNING:* Do not alter or delete the four default folders. These are used by your device to keep track of the different file formats and contents.

# microSD Card Settings

## Viewing Available Memory on the microSD Card

The device allows you to review the memory allocation of both your device's internal storage and that of the microSD card.

1. Press > and tap > **SD card and device storage**.
2. Review the available information.
   - The storage capacity page is divided into two sections: **External SD card** and **Internal device storage**.
3. Press to return to the previous page.

## *Formatting the microSD Card*

Formatting a microSD card permanently removes all files stored on the card.

1. Press > and tap > **SD card and device storage**.
2. Tap **Unmount SD card** to release the microSD card from its use by the device. The icon appears within the Notifications area to indicate an unmounted microSD card.
3. Once released, tap **Format SD card** > **Format SD card** > **Erase everything**.
   - Once completely formatted, the card is automatically remounted (reconnected for use by the device).

*Important:* The formatting procedure erases all the data on the microSD card, after which the files **CANNOT** be retrieved. To prevent the loss of important data, please check the contents before you format the card.

## *Important Connection Information*

- To avoid loss of data, DO NOT remove the USB cable, the microSD card, or the battery while accessing or transferring files.
- DO NOT use your computer to change or edit folder or file names on the microSD card, and do not attempt to transfer large amounts of data from the computer to the microSD card. Doing so may cause the microSD card to fail.
- DO NOT turn off or restart your computer, or put it into standby mode, while using a mass storage device. Doing so will result in loss or damage of data.
- The microSD card can only be mounted for use by either the device or a connected computer. Prior to accessing the card via a different method, it must first be unmounted from its current device (your device or computer-USB).

*Important:* The microSD card can share a connection with only one device at a time, either your device or your computer (via its USB connection), not both. You can not browse the contents of the card via your device if they are currently being browsed via your computer.

# 2G. Camera


- Taking Pictures (page 110)
- Recording Videos (page 116)


*Note:* The storage card that comes installed on your device allows you to use the camera and camcorder features. All pictures and videos are stored on the 16GB microSD card. The device supports SDHC cards of up to 32GB.

*Note:* The device uses a 3.0 megapixel rear facing camera (back of the unit) and a 1.3 megapixel front facing camera (atop the screen).

## Taking Pictures

Taking pictures with your device's built-in camera is as simple as choosing a subject, pointing the lens, and pressing a button.

To take a picture:

1. Press and tap > (**Camera**) to activate the camera mode. (Additional camera options are available through the camera settings page. See "Camera Settings" on page 111 for more information.)
2. Holding the device in either landscape or portrait orientation, use the display screen as a viewfinder and aim the camera lens at your subject.
3. Tap to focus on an object within the focus area and take the picture. (Your device automatically saves the picture to the **DCIM** folder on the microSD card.)
4. After taking the picture, tap the **Image Viewer** box (at the bottom-right of the screen) to view the picture. While viewing the picture, you can either **Share**, **Set as**, **Delete**, or magnify the current image. (See "View Your Pictures" on page 113.)

*Note:* To configure the front-facing camera, see "Configure the Front -facing Camera" on page 163

*Important:* Images taken by the device are stored only on the microSD card. When searching for these images, look in the **Camera** folder (for example).

## *Camera Settings*

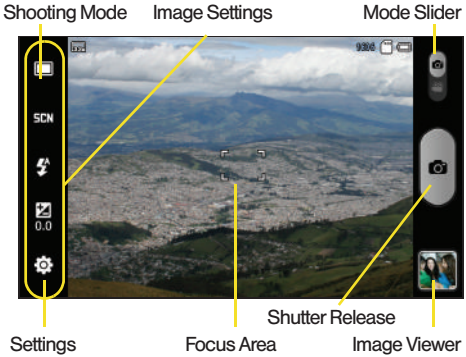
From camera mode, touch an icon from the left side panel to display settings options.

*Note:* Access a menu's multiple options by tapping the onscreen arrows.

- **Shooting mode** ( ) to select a mode for shooting pictures. This determines how many images are shot and if any effects are applied to them.
  - Choose from **Single shot** (default), **Continuous**, **Panorama**, **Smile shot**, and **Self-shot**.

*Note:* **Self-shot** uses the device's front-facing camera lens, so you can still use the display screen to see what you're photographing.

- **Scene mode** (SCN) to select the image's scene setting (optimized settings for certain types of scenes.) Choose from **None** (default), **Portrait**, **Landscape**, **Night** and **Sports.**
- **Flash** ( ) to select a flash setting. Choose from **Auto** (default), **Off**, and **On.**




- **Exposure value** ( ) to adjust the overall image brightness. Use the onscreen slider to adjust the value.

- **Settings** ( ) to access camera options and settings:
  - **Image**: to set the camera hardware options (page 112).
  - **Setup**: provides additional image shooting options.
- **Focus Area** indicates the center of the image where the camera will focus.
- **Mode Slider** to toggle between camera and camcorder modes.
- **Shutter Release** to take the picture. Tap to capture the shot.
- **Image Viewer** to review the saved pictures. Tap the arrows to view additional pictures.
  - Additional features in the viewer include **Share**, **Set as**, **Delete** and magnify.

## *Camera Options and Settings*

► Tap the settings icon to access the camera options screen where there are two available tabs.

● **Image** for general camera settings:

- **Resolutions** to set the image resolution. Choose from: **3.2M** (2048x1536), **W2.4M** (2048x1232 widescreen), **2M** (1600x1200), **W1.5M** (1600x960 widescreen), **W0.6M** (1024x600 widescreen), or **0.4M** (800x600).
- **White balance** to compensate for color differences found within different lighting conditions. Choose from: **Auto** (default), **Daylight**, **Cloudy**, **Incandescent**, or **Fluorescent**. Tap **Save** to store the setting.
- **Effects** to apply different color effects to images. Choose from: **Normal** (default), **Negative**, **Black and white** or **Sepia**. Tap **Save** to store the setting.
- **ISO** to adjust the camera sensor's sensitivity to light. Choose from: **Auto** (default), **100**, **200**, or **400**. Tap **Save** to store the setting.
- **Image quality** to set the image quality for your image. Choose from: **Superfine** (default), **Fine**, or **Normal**.

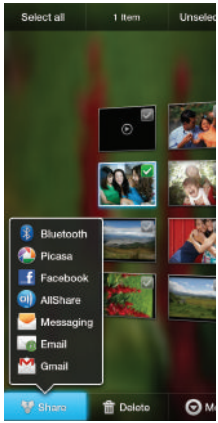
- **Setup** for additional image settings:
  - **Review** to display the recently taken photo for review. (A green check mark indicates the feature is active).
  - **GPS** to record GPS information into the image file. (A green check mark indicates the feature is active).
  - **Shutter sound** to assign a sound when the picture is taken. Choose from: **Sound 1** (default), **Sound 2**, **Sound 3**, or **Off**. Tap **Save** to store the setting.
  - **Reset** to set your camera back to its default settings.

## *View Your Pictures*

The Gallery is where you can access your stored camera images and videos.

1. Press and tap > (**Gallery**).
2. Select a folder location (for example, **Camera**) and tap an image to view your picture.
   - Pressing from the main Gallery screen displays **Share**, **Delete**, and **More** options.

- From the image folder, touch and hold any desired images to select them (indicated by a green check mark) and tap an option such as **Share** (**Bluetooth**, **Picassa**, **Facebook**, **AllShare**, **Messaging**, **Email**, and **Gmail**), **Delete**, and **More** (**Details**, **Set as**, **Crop**, **Print**, **Rotate left**, or **Rotate right**).




- Tap an image to open it, and press for options such as **Share** (**Bluetooth**, **Picasa**, **Facebook**, **AllShare**, **Messaging**, **Email**, or **Gmail**), **Delete**, and **More** (**Details**, **Set as**, **Crop**, **Print**, **Rotate left**, or **Rotate right**).

*Note:* If you selected a video, **YouTube** becomes an available option. instead of **Facebook** and **Picasa**. See "YouTube" on page 175.

- Press to return to the previous screen.

## *Camera Image Options*

1. Press and tap > .
2. From the **Camera** folder, tap an image icon to open the image.
   - Use the change view slider at the (upper-right of the screen) to switch from thumbnail to folder view.

*Note:* **Picture options** can also be accessed by touching and holding the image from the gallery. These options include: **Share**, **Delete**, and **More**.

*Note:* Tap an onscreen image to display the available options (**Zoom**, **Slideshow**, or **Menu**).

3. Tap **Slideshow** to start an onscreen slideshow displaying all pictures in the current folder.

   – or –

   Tap **Menu** to display the following image menu options:

- **Share** to activate the picture share menu from which you can choose to share the current image via one of many options:
  - **Bluetooth** to send the image to another device via Bluetooth.
  - **Picasa** to upload your image to your Picasa account. Tap **Upload** to complete the process.
  - **Facebook** to insert your image into your Facebook page.
  - **AllShare** to use the AllShare application to share your image with other communicating devices (page 176).
  - **Messaging** to insert your image into a new outgoing MMS message (multimedia text message).
  - **Email** to attach your image to a new email message.
  - **Gmail** to attach your image to a new Gmail email message.
- **Delete** to delete the image. Tap **Confirm deletions** to complete the process.
- **More** to open additional image options such as **Details**, **Set as, Crop, Print, Rotate left,** and **Rotate right**.
  - **Details** to display image details such as Title, Type, Date taken, Album, Location, Latitude, and Longitude.
  - **Set as** to assign the image as either the **Wallpaper** (Home screen background) or to a current **Contact icon** (display image).
  - **Crop** to crop the image. Crop the image and tap **Save** to a new version of the original.
  - **Print** to send the current image to a communicating wireless printer. Tap **Print** to begin the print process.
  - **Rotate** to rotate the image. Options include: **Rotate left** or **Rotate right**.

## Assigning Pictures

After taking a picture, assign it as a picture ID for a Contacts entry or as the Home screen background image (wallpaper).

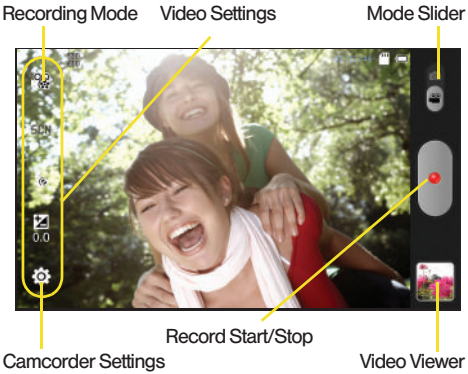
1. Press and tap > .
2. From **Camera** (or other image folder), tap an image icon to open the image.
3. With the picture displayed, tap **Menu** > **More** > **Set as**, and select an option.
   - **Wallpaper** to assign the picture as a background image. Crop the image by dragging the orange border box and tap **Save** to assign the picture.
   - **Contact icon** to assign the picture to a Contacts entry as a picture ID. Tap an entry from the Contacts tab, crop the image by dragging the orange border box and tap **Save** to assign the picture.

## Recording Videos

In addition to taking pictures, you can record, view, and send videos with your device's built-in video camera.

*Important:* Videos are stored only on the microSD card. When searching for these videos, look in the **sdcard** folder (by default).

1. Press and tap > (**Camera**) to activate the camera mode.
2. Touch and drag the mode slider down towards to activate the camcorder mode.
3. Holding the device in landscape mode, use the display screen as a viewfinder and aim the lens at your subject.
4. Tap to begin recording.
5. Tap to stop recording. (Your device automatically saves the video within the DCIM folder on the microSD card.)




## *Camcorder Settings*

From camcorder mode, touch an icon from the left side panel to display settings options.

- **Recording mode** ( ) to set the image quality for your image. Choose from: **Normal** (for SDHC card storage) or **Limit for MMS** (sending the video in an MMS/video message).
- **Flash** ( ) set the flash **Off** (default) or **On**.
- **Exposure value** ( ) to adjust the overall image brightness. Use the onscreen slider to adjust the value.
- **Settings** ( ) to access the camera options and settings:
  - **Video**: to set the camcorder hardware options (page 118).
  - **Setup**: provides additional video shooting options.
- **Mode Slider** to toggle between the camcorder and camera modes.
- **Record Start/Stop** ( ) tap to begin shooting the video. Tap again to stop recording.
- **Video Viewer** to review the saved videos. Tap the onscreen arrows to view additional videos.
  - Additional features in the viewer include **Share**, **Play**, or **Delete**.

## Camcorder Options and Settings

► Tap the settings icon to access the camcorder options screen where there are two available tabs.

- **Video** for general camcorder settings:
  - **White balance** to compensate for color differences found within different lighting conditions. Choose from: **Auto** (default), **Daylight**, **Cloudy**, **Incandescent**, or **Fluorescent**. Tap **Save** to store the setting.
  - **Effects** to apply different color effects to videos. Choose from: **Normal** (default), **Negative**, **Black and white** or **Sepia**. Tap **Save** to store the setting.
  - **Video quality** to set the quality for your video. Choose from: **Fine** (default) or **Normal**.
- **Setup** for additional video settings:
  - **Audio recording** enable the recording of audio within your video. Clear the check mark to turn off this feature and record only video. (A green check mark indicates the feature is active).
  - **Review** enable the display the recently shot image for review. (A green check mark indicates the feature is active).
  - **Shutter sound** assigns a sound to the shutter. Tap **Save** to store the new sound.
  - **Reset** changes your camcorder back to its default settings.

## Video File Options

1. Press and tap > (**Gallery**).
2. From **sdcard**, tap a video icon to begin video playback.

   – or –

   Touch and hold the video icon to select the video and display these options:
   - **Select all** to place a check mark on all files within the current folder.
   - **Unselect all** to check on all files within the current folder.

- **Share** to share the selected video using on of these options:
  - **Bluetooth** to send your selected videos to an external Bluetooth-compatible device.
  - **YouTube** to upload your selected video file to a YouTube page. Tap **Upload** to complete the process.
  - **AllShare** to utilize the AllShare application to share your video with other communicating devices.
  - **Messaging** to attach your video to a new MMS message.
  - **Email** to attach your video to a new email message.
  - **Gmail** to attach your video to a new Gmail email message.
- **Delete** to delete the current video.
- **More** to open additional video options such as:
  - **Details** to display video details such as Title, Type, Date taken, Album, Location, Latitude, and Longitude.

# 2H. Bluetooth


- Turning Bluetooth On and Off (page 120)
- Using the Bluetooth Settings Menu (page 121)
- Pairing Bluetooth Devices (page 122)
- Sending Contacts via Bluetooth (page 124)


## About Bluetooth

Bluetooth is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth devices, such as headsets and hands-free car kits, and Bluetooth-enabled handhelds, computers, printers, and wireless devices. The Bluetooth communication range is usually up to approximately 30 feet.

On the device, Bluetooth is used to transfer data files and Contacts entries between devices.

## Turning Bluetooth On and Off

By default, your device's Bluetooth feature is set to **Off**. Turning Bluetooth on activates the internal Bluetooth antenna.

> *Note:* Activating Bluetooth can discharge your battery more quickly and reduce your available usage times. It is recommended that if you do not need it, turn it off.
>
> It is also recommended to turn off your Bluetooth within locations that prohibit its use.

To turn Bluetooth on:

1. Press > and tap > **Wireless and network** > **Bluetooth settings**.
2. Tap **Bluetooth** to activate it (a green check mark indicates it is active). When active, appears within the status area.

To turn Bluetooth off:

1. Press > and tap > **Wireless and network** > **Bluetooth settings**.
2. Tap **Bluetooth** to clear the check box and deactivate Bluetooth.

### Bluetooth Status Indicators

The following icons show your Bluetooth connection status at a glance:

– Bluetooth is active

– Bluetooth is connected (paired) and communicating

**[no icon]** – Bluetooth is disabled (default status)

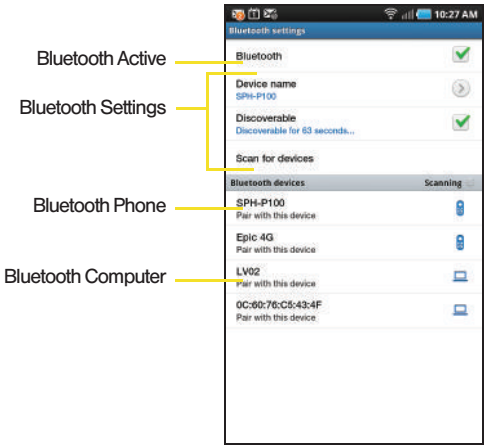
## *Using the Bluetooth Settings Menu*

The **Bluetooth settings** menu allows you to set up many of the characteristics of your device's Bluetooth service, including:

- Entering or changing the name your device uses for Bluetooth communication and description
- Setting your device's visibility (or "discoverability") for other Bluetooth devices
- Displaying your device's Bluetooth address

To access the Bluetooth settings menu:

1. Press > and tap > **Wireless and network** > **Bluetooth settings**.
2. Set these Bluetooth options: **Device name**, **Discoverable**, and **Scan for devices**.



To change your Bluetooth name:

1. Make sure Bluetooth is turned on.
2. From the Bluetooth settings page, tap **Device name**.
3. Enter a new name.
4. Tap **OK** to complete the process.

To make your device visible:

1. Make sure Bluetooth is turned on.
2. From the Bluetooth settings page, tap **Discoverable**.
   - Making your device visible allows it to be detected by other devices for pairing and communication.

*Note:* Your device is visible for up to 120 seconds (two minutes). This value appears as a countdown within this field.

To scan for Bluetooth devices:

1. Make sure Bluetooth is turned on.
2. From the Bluetooth settings page, tap **Scan for devices** to search for visible external Bluetooth-compatible devices such as headsets, printers, and computers.

# Pairing Bluetooth Devices

## Paired Devices

The Bluetooth pairing process allows you to establish trusted connections between your device and another Bluetooth device. When you pair devices, they share a passkey, allowing for fast, secure connections while bypassing the discovery and authentication process.

To pair your device with another Bluetooth device:

1. Verify your Bluetooth is active.
2. From the Bluetooth settings page, tap **Discoverable**. Your device must be visible to successfully pair with an external device.

*Note:* Your device remains visible/discoverable for only 120 seconds. If your device has not completed connection to an external device in that time, you must restart the timer.

3. Tap **Scan for devices**. (Your device will display a list of discovered in-range Bluetooth devices.)
4. Tap a device from the list to initiate pairing.
5. Enter the passkey (PIN) and tap **OK**.

6. The external device will then have to also accept the connection and enter your device's PIN code.
   - Once successfully paired to an external device, appears within the status area.

*Note:* Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth-compatible devices.

*Note:* Pairing between two Bluetooth devices is a one-time process. Once a pairing has been created, the devices will continue to recognize their partnership and exchange information without having to re-enter a passcode again.

To disconnect a paired device:

Disconnecting a paired device breaks the connection between the device and your device, but retains the knowledge of the pairing. At a later point when you wish to reconnect the device, there is no need to enter the connection information again.

1. Make sure Bluetooth is turned on.
2. From the Bluetooth settings page, touch and hold the previously paired device (from the bottom of the page).
3. Tap **Disconnect** to complete the process.

*Note:* Disconnections are done manually but also occur automatically if the paired device goes out of range of your device or it is powered off.

To delete a paired device (unpair):

Deleting a device from your list removes its "connection record" and upon reconnection would require that you re-enter all the previous pairing information.

1. Make sure Bluetooth is turned on.
2. From the Bluetooth settings page, touch and hold the name of a paired device (at the bottom of the page). This opens the connected device's menu options.
3. Tap **Disconnect** or **Disconnect & unpair** to confirm deletion.

To access a paired device's settings:

1. Make sure Bluetooth is turned on.
2. From the Bluetooth settings page, touch and hold the name of a paired device.
3. Tap **Options...** and select any necessary options.
4. Press to return to the previous page.

## *Sending Contacts via Bluetooth*

Depending on your paired devices' settings and capabilities, you may be able to send pictures, Contacts information, or other items using a Bluetooth connection.

> *Note:* Before using this feature, Bluetooth must first be enabled, and the recipient's device must be visible.
>
> In addition to Contacts information, other file types (video, image, or audio) can be sent using Bluetooth.

> *Note:* If no devices are detected, tap **Scan devices** to begin a new search.

1. Press and tap > .
2. Tap an entry from the list.
3. Press and tap **Send namecard via**.
4. Select a recipient and tap **Send**.
5. Tap **Bluetooth** and select a paired device.
   - The external Bluetooth device must be visible and communicating for the pairing to be successful.

See "Sending Contacts" on page 80.

Section 3

# Sprint Service

# 3A. Sprint Service: The Basics


- Text Messaging (SMS) (page 126)
- Multimedia Messaging (MMS) (page 128)
- Roaming (page 132)


## Text Messaging (SMS)

With text messaging (SMS), you can send and receive instant text messages between your wireless device and a messaging-ready device. When you receive a new message, it will automatically display on your device's screen.

Messaging is available via the Messaging application in your Applications screen. This icon ( ) appears in status bar area when a new text message is received.

*Note:* See your service plan for applicable charges for text messaging and SMS voice messaging.

### Viewing Notifications of Received Messages

When you receive a message, your device notifies you by displaying an icon within the Notification area at the top left of your Home screen.

- indicates a new text or MMS messages were received.
- indicates multiple new text or MMS messages were received.

*Note:* The Messaging icon within the **Application** screens ( > ) will also indicate the number of unread messages.

1. Press > and tap **(Notifications)**.

   – or –

   Tap the status bar to reveal the Notifications tab, and then drag the tab to the bottom of the screen to open the Notifications panel. (See "Using the Notifications Panel" on page 37.)

2. Tap a message entry to open the Messaging application.

## Composing Text Messages

1. Press and tap > > (**New message**).
2. Tap the **To** field and enter a recipient's name, a wireless phone number, or an email address.

*Note:* When using the onscreen keyboard, you can switch between the default **Swype** to **Samsung keypad** text entry method. Touch and hold the **Enter message here** field, tap **Input method**, and select your preferred method.

- **Contacts** ( ) as you enter either a phone number or email address, if the information matches a current contact's entry information, you will see a match. When you see a match, tap the associated name to complete the addressing.
- **Mobile** to enter a wireless phone number directly.
- **Email** to enter the recipient's email address.

3. If applicable, tap a matching entry from the onscreen drop-down list. This list is populated by matches found from your managed accounts.
4. Tap the **Enter message here** field and enter your message.
5. Review your message and tap **Send**.

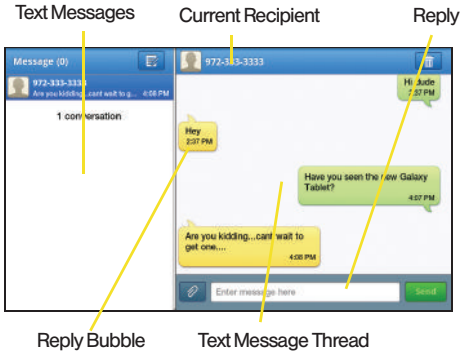
## Accessing Text Messages

To read a text message:

- When you receive a text message, you will see it listed within the Messaging screen. Tap the message to open it and then scroll down and view its entire content.

To reply to a text message:

1. While the message is open, tap the **Enter message here** field and then type your reply message.
2. Compose your reply or use the preset messages or icons.
   - To type a message, use the onscreen keyboard.




3. Review your reply and tap **Send**.

   – or –

   You may select additional messaging options by pressing and then tapping **Send**.

- Options may include: **Add subject**, **Insert smiley**, **Import text**, **Brightness setting**, **Forward** or **More** (**Bubble font size**, and **Discard**).

*Note:* To forward selected message bubbles, "Back Up Your Data Before Updating" on page 98

## *Multimedia Messaging (MMS)*

With multimedia messaging (MMS), you can send and receive instant text messages that contain text, pictures, audio, recorded voice, or a picture slideshow.

Messaging is available via the Messaging application in your Applications screen.

*Note:* See your service plan for applicable charges for text messaging.

## *Composing MMS Messages*

Composing MMS messages is exactly the same as composing text messages, except that you attach a picture, a video, or an audio file to the message.

1. Press and tap > > (**New message**).
2. Tap the **To:** field and enter a contact's name, a wireless phone number, or an email address. As you enter text and numbers, matching contacts appear onscreen.
   - If applicable, tap an available matching recipient or continue entering the phone number or email address.
3. Tap the **Enter message here** field and enter your message.
4. Tap (**Attach**).
5. Select a multimedia attachment type:
   - **Picture**: Opens the Gallery application. From here you can select a picture you wish to send with the outgoing message.
   - **Video**: Opens the Gallery application. From here you can select a video and attach it to your outgoing message.
   - **Audio**: Opens the Select audio menu. From here you can select an audio file and tap **OK**.
   - **Capture picture**: Opens the camera application. Take a picture and then tap **Save** to use that image in your message. (See "Taking Pictures" on page 110.)
   - **Capture video**: Opens the camcorder application. From here you can record a video, and then tap **Save** to use that video in your message. (See "Recording Videos" on page 116.)
   - **Record audio**: Opens the message recorder (shown below).
     - **Record Duration**: length of the recorded voice message.
     - **Volume Meter**: displays the volume level.
     - **Record**: starts recording your message.
     - **Play**: plays back the recording.

- **Stop**: stops the recording. Once stopped, tap either Use this recording (attach it to your message), or Discard (delete the current recording and re-record).

- **Slide**: Opens the **Edit slideshow** menu. From here you can add a slideshow to your message:
  - Touch and hold the empty gray created slide (for example, Slide 1), tap **Add multimedia**, and then select the picture you want to add to the slide.
  - Continue this process to add additional pictures to your slideshow, and when you are finished.

*Note:* To remove or replace a picture or an audio attachment, on the Compose screen, tap (**Remove**) next to the attachment.

To change the file, touch and hold the slide and select **Replace** XXX.

6. When you have finished creating your new MMS message, tap **Send**.

To view and play a multimedia message:

1. Press and tap > (**Messaging**).
2. From the message list, tap a multimedia message to open it.
3. While the message is open, tap the play icon (on a video or audio file) to play back the file, or tap an image to view a picture.

*Tip:* The file attachment on the MMS message can be saved to the microSD card. To save the attachment, touch and hold the file and tap **Save attachment** from the Message options context menu.
If the image or video is open, press and tap **Save attachment**.

To reply to a multimedia message:

1. Press and tap > .
2. From the message list, tap a multimedia message to open it.
3. With the message open, tap the **Enter message here** field and then type your reply message.
4. When you are satisfied with your reply, tap **Send**.

*Note:* When replying to a text message with an MMS message, first open the text message and tap . The original text message is then automatically converted into a multimedia message.

## *Deleting a Message or Message Thread*

1. Press and tap > **(Messaging).**
2. Touch and hold the message entry from the left list (while in landscape mode) to display the context menu.
3. Tap **Delete thread** and when prompted, tap **Delete** to complete the process.
   - Tap **Include protected message** to select it and include those messages that have been locked.

## *Adjusting Message Settings*

1. Press and tap > **(Messaging).**
2. Press and tap **Settings**.
3. Choose from among these options:
   - **Delete old messages**: to delete older text messages that exceed a defined message limit (see next).
   - **Text message limit**: to set the maximum number of text messages that can be stored on the device (per conversation).
   - **Multimedia message limit**: to set the maximum number of multimedia messages that can be stored on the device (per conversation).
   - **Auto-retrieve**: to automatically retrieve the entire contents of your MMS messages. When checked, the MMS message header, message body, and any attachments will automatically download to your device.
     - If you disable this option, only the MMS message headers will be retrieved and shown in the message list.
   - **Roaming auto-retrieve**: to automatically download your complete multimedia messages even while you are roaming.
   - **Notifications**: to receive a notification in the status bar when a new text or multimedia message arrives.

- **Select ringtone**: to assign a ringtone to message alerts or notifications.
- **Vibrate**: to vibrate when a new message alert or notification is received.

# Roaming

## Roaming Icon

Your display screen always lets you know when you're off the Nationwide Sprint Network. Anytime you are roaming, your device displays the roaming icon ( ). If you are roaming on a digital system, you will see the roaming icon along with the text **– Digital Roam –** .

## Roaming on Other Digital Networks

When you're roaming on digital networks, you may not be able to access certain features depending on the available network.

## Setting Roam Mode

Your device allows you to control your roaming capabilities. By using the Roaming menu option, you can determine which signals your device accepts and if your device connects to data services when roaming.

To activate data roaming:

1. Press > and tap > **Wireless and network** > **Mobile networks**.
2. Tap **Data roaming** to connect to data service while roaming.
3. When a pop-up notification appears informing you that data roam charges may apply, tap **on** or **off** to connect.

To activate or deactivate the data roaming guard:

1. Press > and tap > **Wireless and network** > **Mobile networks**.
2. Tap **Data Roaming Guard** > **On** to activate the guard.

   – or –

   Tap **Data Roaming Guard** > **Off** to deactivate the guard.

*Note:* Data Roaming Guard is turned on by default on your device.

## *System Select*

1. Press > and tap > **Wireless and network** > **Mobile networks**.
2. Tap **System select** to change the roaming mode.
   - **Sprint only** to access only the Nationwide Sprint Network. This option prevents roaming on other networks.
   - **Automatic** to seek service on the Nationwide Sprint Network. When Sprint service is unavailable, the device searches for an alternate system.

## *Data Access Guard*

Depending on service availability and roaming agreements, your device may be able to access data services while roaming on certain digital systems.

You can set your device to alert you when you are roaming off the Nationwide Sprint Network and try to use data services such as messaging.

To enable data access over a mobile networks:

1. Press > and tap > **Wireless and network** > **Mobile networks**.
2. Tap **Use packet data**. (A green check mark indicates the feature is active).

To disable data access over a mobile networks:

1. Press > and tap > **Wireless and network** > **Mobile networks**.
2. Tap **Use packet data** (the green check mark should change to gray).

# 3B. Web and Data Services


- Getting Started With Data Services (page 134)
- Navigating the Web (page 136)
- Wi-Fi (page 143)
- Sprint Hotspot (page 146)
- Email (page 147)
- Using the Android Market (page 161)
- Applications (page 162)


## Getting Started With Data Services

With your Sprint service, you are ready to start enjoying the advantages of data services. This section will help you learn the basics of using your data services, including managing your user name, launching a data connection, and navigating the Web with your device.

*Important:* Certain data services requests may require additional time to process. While your device is loading the requested service, the touch screen may appear unresponsive when in fact they are functioning properly. Allow the device some time to process your data usage request.

### Your User Name

When you buy your device and sign up for service, you're automatically assigned a user name, which is typically based on your name and a number, followed by "@sprintpcs.com." (For example, the third John Smith to sign up for Sprint data services might have jsmith003@sprintpcs.com as his user name.)

When you use data services, your user name is submitted to identify you to the Nationwide Sprint Network. Your user name is automatically programmed into your device. You don't have to enter it.

### Updating Your User Name

If you choose to change your user name and select a new one online, or make any changes to your services, you must then update the profile on your device.

1. Press > and tap > **About My Galaxy Tab™ > System Updates**.
2. Tap **Update Profile**.

## *Launching a Web Connection*

- Press and tap > (**Browser**). (Your data connection starts and you see the home page.)

*Note:* Internet connections can be made either through the Sprint 3G network or via Wi-Fi (configured through the **Settings > Wireless and network** page).

While connecting, you may see an animation. Once complete, you are connected to the default home page.

*Tip:* To change the device's default launch page to your current page, press and tap **Settings > Set home page**.

*Note:* The browser automatically launches when a Web link is tapped from within either an email or text message.

## *Data Connection Status and Indicators*

Your device displays the current status of your data connection through indicators at the top of the screen. The following symbols are used:

Your device is connected to the high-speed Sprint 3G network. When the arrows are animated, your device is transferring data (for example, when you are opening a Web page).

When the arrows are gray, your device is connected to the network but is not currently transferring data.

When the arrows are replaced with a D, data service is available but currently dormant.

If you do not see an indicator, your device does not have a current data connection. To launch a connection, see "Launching a Web Connection" on page 135.

# Navigating the Web

Navigating through menus and websites during a data session is easy when you have learned a few basics. For more information on navigating around your screen, see “Getting Around Your Device” on page 22.

## Scrolling

As with other parts of your device’s menu, you’ll have to move up and down to see everything on some websites.

To scroll through a Web page:

- In a single motion, drag across or up and down a page.

## Selecting

To select onscreen items or links:

- Drag across a page, and then tap an onscreen link to select it.

Links, which are displayed as underlined text, allow you to jump to Web pages and to select special functions.

## Pinching and Zooming

You can zoom in and out on a Web page without the need for an onscreen zoom tool. Just use your fingers to pinch or spread on the screen.

To zoom in on a page:

1. Place your thumb and index finger on the screen.
2. Expand them outward (spread) to zoom in.

To zoom out on a page:

1. Place your thumb and index finger on the screen.
2. Bring them together (pinch) to zoom out.

## Using the Loupe

The onscreen loupe is a quick way to temporarily magnify a specific area of a page more closely without magnifying the entire page.

1. In a single motion, place your finger on the screen for about two seconds and then drag it across slowly.
2. As you move across the screen a temporary loupe appears and magnifies the area below the loupe's pointer.
   - Once you remove your finger from the screen, the loupe disappears and provides you with the option to **Copy**, **Search**, or **Share** a selection.

## Going Back

To go back one page:

- Press on your device. Repeat to keep going back through your Web page history of recently visited pages.

### Going to a Web Page

1. Tap the address field at the top of the browser window and enter a new Web address.
   - As you enter the address, possible matches are displayed within an onscreen list. Tap an entry to go to that website.
2. Tap (**Go**) to launch the new page.

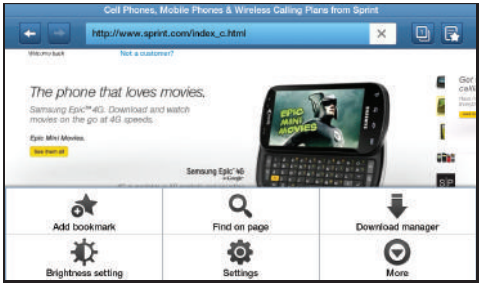
## *Browser Menu*

The browser menu offers additional options to expand your use of the Web on your device.

### Opening the Browser Menu

The browser menu may be opened anytime you have an active data session, from any page you are viewing.

► From any open Web page, press . (You will see the browser menu.)



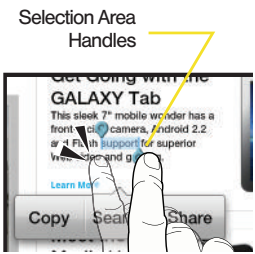

Options available within the browser menu include:

- **Add bookmark**: Allows you to bookmark the current Web page.
- **Find on page**: Allows you to search for a word or term on the current Web page.
- **Download manager**: Keeps a list of previously downloaded content. Tap **Go to My files** to launch a navigation window that is open to your microSD root folder containing any downloaded files.
- **Brightness setting**: Lets you configure the screen brightness only for the browser application.

- **Settings**: Lets you configure and manage your browser settings. See “Adjusting Browser Page Settings” on page 139.
- **More**: Displays additional options:
  - **Print**: Allows you to send either the current **Screen** (what is visible) or **Page** (entire Web page) to a communicating wireless printer.
  - **Share page**: Allows you to send a URL to an external recipient using: **Bluetooth**, **Facebook**, **Gmail**, or **Messaging**.
  - **Page info**: Displays the title and URL (website address) of the site you’re currently viewing.

## Selecting Text on a Web Page

1. While on an active Web page, place your finger on a section of the page for about two seconds (until the loupe appears).
2. Slowly drag across the text you wish to select.




3. Drag the selection area handles to select more text on the screen. Any selected text is highlighted.
4. Tap an onscreen option:
   - **Copy** to copy the current text to the clipboard.
   - **Search** to use Google search to search for the currently selected text online.
   - **Share** to share the selected text as text (via **Bluetooth**, **Email**, **Facebook**, **Gmail**, or **Messaging**) or as an image (via **AllShare**, **Bluetooth**, **Email**, **Facebook**, **Gmail**, **Messaging**, or **Picasa**).

## Adjusting Browser Page Settings

1. Press to open the browser menu.
2. Tap **Settings** and select from the following Page Content options:
   - **Default zoom**: Sets the default browser viewing size. Choose from: **Far** (zoomed out), **Medium** (standard), or **Close** (zoomed in).
   - **Open pages in overview**: Provides an overview of recently opened pages.
   - **Text encoding**: Adjusts the current method in which the device encodes text for display.

- **Block pop-up windows**: Prevents pop-up advertisement or windows from appearing onscreen. Clear the check box to disable this function.
- **Load images**: Allows Web page images to be loaded along with the text components of a website.
- **Auto-fit pages**: Allows Web pages to be resized to fit as much of the screen as possible. This feature overrides the default zoom setting.
- **Landscape view only**: Displays pages in landscape orientation only. Deselect to be able to view the pages in portrait orientation. This feature overrides the default zoom setting.
- **Enable JavaScript**: Enables JavaScript. Without this feature, some pages may not display properly.
- **Enable plug-ins**: Enables browser plug-ins. Some pages may require plug-ins to properly display or function.
- **Open in background**: Opens new pages on a separate page behind the active page.
- **Set home page**: Sets the current page as the home page for the Web browser (page 141).

## Adjusting Browser Privacy Settings

1. Press to open the browser menu.
2. Tap **Settings** and select from the following Privacy settings options:
   - **Clear cache**: Deletes all currently cached data. Tap **Yes** to complete the process.
   - **Clear history**: Clears the browser navigation history. Tap **Yes** to complete the process.
   - **Accept cookies**: Allows sites that require cookies (small strings of text used by a website each time you go there), to save cookies to your device.
   - **Clear all cookie data**: Clears all current browser cookie files.
   - **Remember form data**: Allows the device to store data from any previously completed forms.
   - **Clear form data**: Deletes any stored data from previously completed forms. Tap **Yes** to complete the process.
   - **Enable location**: Allows sites to request access to your current location (using your device's built-in GPS).

- **Clear location access**: Clears location access for all websites.

3. Press to return to the browser.

### Adjusting Browser Security Settings

1. Press to open the browser menu.
2. Tap **Settings** and select the following Security settings options:
   - **Remember passwords**. Stores user names and passwords for visited sites.
   - **Clear passwords**. Deletes any previously stored user names or passwords. Tap **Yes** to complete the process.
   - **Show security warnings**. Notifies you if there is a security issue with the current website.
3. Press to return to the browser.

### Creating Advanced Website Settings

1. Press to open the browser menu.
2. Tap **Settings** > **Website settings**. These are advanced settings that can be configured for individual sites (for example, clearing location access for a specific website).
3. Tap an onscreen entry, make your changes, and press to return to the browser.

### Resetting the Browser to Default

1. Press to open the browser menu.
2. Tap **Settings** > **Reset to default**.
3. Tap **Yes** to complete the process.

### Setting the Browser Home Page

1. Press to open the browser menu.
2. Tap **Settings** > **Set home page**.
3. Overwrite the current home page address with a new Web page address.

   – or –

   Tap **Use current page** to make the currently displayed Web page the new home page.
4. Tap **OK** to complete the process.

## Creating Bookmarks

1. From any Web page, press to open the browser menu and tap **Add bookmarks**.

   – or –

   Tap (**Bookmarks**) > **Add bookmark**.

2. Enter a descriptive name for the new bookmark
3. Go to step 4 to accept the default bookmark folder.

   – or –

   Tap to select an existing folder that will contain the new bookmark.

   – or –

   Tap > **New Folder** to create a new folder. Tap **OK** to complete the creation.

4. Tap **OK** to store the new entry to your Bookmarks list.
5. Tap .
6. Touch and hold your new entry in the Bookmarks list to display an onscreen pop-up menu.
   - Choices include: **Open**, **Open in new window**, **Add shortcut to Home**, **Share link**, **Copy link URL**, **Set as homepage**, or **Delete bookmark**.

## Creating Bookmarks From Other Tabs

1. From any Web page, tap .
2. Tap either the **Most visited** or the **History** tab.
3. Touch and hold an entry to reveal additional content menu options.
4. Tap **Add bookmark** to add the selected entry to your current list of bookmarks.

   – or –

1. Repeat steps 1 - 3.

2. Tap the star icon adjacent to a website address. The star will turn gold and adds the “starred” website is added to your current Bookmarks list.

### Creating a New Home Page

1. From any open Web page, tap > **Bookmarks**.
2. Touch and hold an entry from the list to display an onscreen pop-up menu.
3. Tap **Set as homepage** to assign the selected entry as your new home page.

### Adding Bookmarks to Your Home Screen

1. From any open Web page, tap > **Bookmarks**.
2. Touch and hold an existing entry from the list to display an onscreen pop-up menu.
3. Tap **Add shortcut to Home** to add the selected entry to your Home screen.

## *Wi-Fi*

### *About Wi-Fi*

Wi-Fi is a term used for certain types of wireless local area networks (WLAN).

Wi-Fi communication requires access to an existing and accessible Wireless Access Point (WAP). These WAPs can either be open (unsecured) as within most hot spots, or secured (requiring knowledge of the router name and password).

The Galaxy Tablet supports communication with devices using the faster 802.11n wireless protocol, as well as being compatible with the earlier 802.11b and 802.11g wireless protocols.

## *Turning Wi-Fi On and Off*

By default, your device's Wi-Fi feature is turned off. Turning Wi-Fi on makes your device able to discover and connect to compatible in-range access points.

To turn Wi-Fi on:

1. Press > and tap > **Wireless and network** > **Wi-Fi settings**.
2. Tap the **Wi-Fi** field to activate the feature (green check mark indicates active). The device scans for available in-range wireless networks.

To turn Wi-Fi off:

1. Press > and tap > **Wireless and network** > **Wi-Fi settings**.
2. Tap to clear the check box and deactivate Wi-Fi.

– or –

1. Tap the status bar to reveal the Notifications tab, and then drag the tab to the bottom of the screen to open the Notifications panel.
2. Tap the onscreen Wi-Fi icon to turn off Wi-Fi (turns gray when disabled).

*Note:* Use of wireless data connections such as Wi-Fi and Bluetooth can cause deplete your battery more quickly and reduce your use times.

To connect to a Wi-Fi network:

1. Press > and tap > **Wireless and network** > **Wi-Fi settings.**
   - The network names and security settings (**Open network** or **Secured with** xxx) of detected Wi-Fi networks are displayed in the Wi-Fi networks section.

*Note:* When you select an open network, you will be automatically connected to the network.

2. Tap an available Wi-Fi network and enter the passkey or password.
   - Use **Show password** to view the text as you enter it.
3. Tap **Connect** to complete the connection.

To manually add your new network connection:

1. Tap **Add Wi-Fi network**.

2. Enter the Network SSID. This is the name of your Wi-Fi network.
3. Tap the **Security** field and select a security option. This must match the current security setting on your target network.
4. If secured, you will also need to enter the wireless password. The **show password** option reveals the password as you type it instead of showing only asterisks (****).
5. Tap **Save** to store the new information and connect to the Wi-Fi network.

*Note:* The next time your device connects to a previously accessed or secured wireless network, you are not prompted to enter the wireless password again, unless you reset your device back to its factory default settings.

To manually scan for a Wi-Fi network:

1. Press > and tap > **Wireless and network** > **Wi-Fi settings**.
2. Press and tap **Scan**.

## Wi-Fi Status Indicators

The following icons show your Wi-Fi connection status at a glance:

– Wi-Fi is connected and active.

– Wi-Fi active but there is a communication issue with the target Wireless Access Point (WAP).

## *Using the Advanced Wi-Fi Settings Menu*

From the advance Wi-Fi settings menu, press and tap **Advanced** menu allows you to set up many of your device's Wi-Fi services, including:

- Setting your Wi-Fi sleep policy
- Viewing your device's MAC Address
- Configuring use of either a DHCP or Static IP

To access the advanced Wi-Fi settings menu:

1. Press > and tap > **Wireless and network** > **Wi-Fi settings**.
2. Press and tap **Advanced**.

## Sprint Hotspot

Sprint Hotspot allows you to turn your device into a Wi-Fi hotspot.

To set up Sprint Hotspot:

1. Press and tap > (**Sprint Hotspot**).
2. Tap **Sprint Hotspot** to select the check box and to activate the service.
   - When active, the Notifications area of the status bar, shows .

*Note:* Connect your charger to your device if you plan to use Sprint Hotspot for an extended period.

*Important:* Upon activation, any current Wi-Fi connection to an access point is terminated.

To connect to Sprint Hotspot:

1. Enable Wi-Fi on your target device (laptop, media device, etc.).
2. Scan for Wi-Fi networks from the device and select your device hotspot from the network list.
   - The network name for Sprint Hotspot on your device will be in the form of **SPH-P100XXX**. (“XXX” represents a three-digit number unique to your device.)You can change the name by tapping **Sprint Hotspot settings** from the Sprint Hotspot screen (page 146).
3. Select this device and follow your onscreen instructions to enter the passkey (provided on the Sprint Hotspot page).
4. Launch your Web browser to confirm you have an Internet connection.

To adjust your Sprint Hotspot settings:

1. Press and tap > > **Sprint Hotspot settings**.
2. Configure the **Router name (SSID)**, **Security** [**Open** or **WPA2 (AES)**], tap **Hide my device** to prevent your Sprint Hotspot name (SSID) from appearing on the Wi-Fi network list (enabled when indicated by a green check mark).

3. Tap **Save** to store the new hotspot settings.

## Email

Your device's Email applications let you access and manage multiple email accounts simultaneously in one convenient location.

Although there is a separate Gmail application, the main email application can manage both Internet-based email services (Gmail, Yahoo™, AOL, others) and Microsoft Exchange Work Email (Outlook®).

The device can also be manually configured to connect to other email systems.

*Note:* If you have multiple email accounts, you must configure each account with its own settings.

If you want to send and receive email messages through an ISP (Internet Service Provider) account (such as Outlook), or if you wish to use your device to access your corporate email through a VPN (Virtual Private Network), you will first need to set up an IMAP or POP account.

- **IMAP** (Internet Message Access Protocol) - This mail retrieval protocol is frequently used in large networks and commercial and institutional settings. IMAP4 is the current standard.
- **POP** (Post Office Protocol) - This protocol is supported by most ISPs (Internet service providers) and is more common among consumer applications. POP3 is the current standard.

*Note:* For more information, review your email carrier's literature or contact your IT administrator.

### Email Icons/Shortcuts

– IMAP/POP3 Mail shortcut (such as Yahoo™ and Outlook™).

– Gmail shortcut

### Status Bar - Notifications

– New email message received

– New Gmail message received

## *Gmail*

This email client is Google's Web-based email service. A Gmail account is created when you sign up for a new Google account online. (See "Creating a Google Account" on page 51.)

- Launch your computer's Web browser and navigate to **www.google.com**.

Depending on your synchronization settings, Gmail, along with calendar events, phone numbers, and other contact information on your device are automatically synchronized between your device and your Gmail account on the Web.

*Note:* You must have a valid Google account before using this email client.

*Important:* Logging into Gmail (via the device) does not sign you into your Google account.

### Setting Up a Gmail Account via the Device

1. Press and tap > (**Gmail**).
2. Enter your Email address and Password.
3. Follow the onscreen prompts.
   - See "Adding Additional Internet Email Accounts" on page 153.
4. Tap **Finish** to store the account information and complete setup.

*Note:* You must have a valid and active Google account (**xxxxxx@gmail.com**) before Gmail setup and configuration.

Signal interruptions or incorrect username or password information can cause completion issues.

*Note:* Although Gmail accounts can be deleted via the **Accounts and sync** > **Manage accounts** screen, the device must have at least one Gmail account active to use services that require this information.

## Opening Gmail

1. Press Home and tap Apps > Gmail.
2. Tap an email message.

To refresh your Gmail messages:

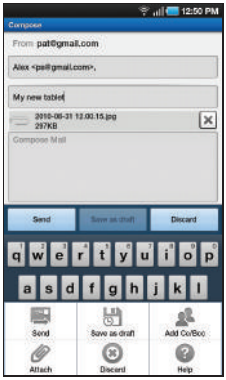
► Press Menu and tap **Refresh**.

## Composing Gmail

1. Press Home and tap Apps > Gmail.
2. Press Menu and tap **Compose**.
3. Enter the message recipient's email address in the **To** field.
   - If you are sending the email to several recipients, separate the email addresses with commas.
   - You can add as many message recipients as you want.

*Note:* To send a carbon copy (Cc) or a blind carbon copy (Bcc) of the current email to other recipients, press Menu and tap **Add Cc/Bcc**.

4. Tap the **Subject** field and( enter the email subject.
5. Tap the **Compose Mail** field and compose your email.
   - To add a picture attachment, press Menu and tap **Attach** (from the bottom of the screen).
   - Tap the picture you want to attach.
   - Tap ✕ to delete a selected attachment from your current email.




6. When you are satisfied with your message, tap **Send**.
   - Tap **Save as draft** to save the current email as a draft. To later view your draft email messages, from the Inbox, tap the **Drafts** folder.
   - To delete the current email message, tap **Discard**.

## Creating a Gmail Signature

1. From the Gmail inbox, press and tap **More** > **Settings** > **Signature**.
2. Enter a signature and tap **OK**. By default, signature is turned off.

## Accessing Gmail Messages

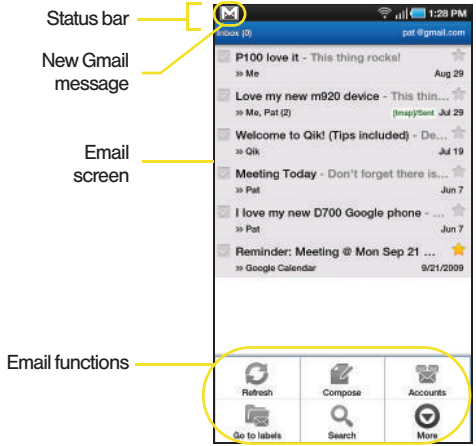
A new Gmail message icon appears within the Notifications area of the status bar to notify you of a new email message.

To view a new email message:

1. Press > and tap .

   – or –

   Tap the status bar to reveal the Notifications tab, and then drag the tab to the bottom of the screen to open the Notifications panel. (See “Using the Notifications Panel” on page 37.)
2. Tap the new email message from the **Notifications** list to launch the **Inbox** tab.
3. Scroll up and down the email message by dragging your finger up and down the screen.



To reply to an email message:

1. With the email message displayed tap .
2. Enter a new message body and tap **Send**.

To delete an email message:

► With the email message displayed, tap **Delete**.

## Configuring Gmail Settings

1. Press and tap > .
2. Press and tap **More** > **Settings**.
3. This menu provides both field information and settings:
   - **Signature**: Allows you to create an email signature for your outgoing Gmail email messages.
   - **Confirm actions**: Shows a dialog whenever the following email actions are taken: **Archive**, **Delete**, or **Send**.
   - **Reply all**: Makes "Reply all" the default response action for email messages.
   - **Auto-advance**: Selects which screen is shown after you delete or archive an email message. Choose from: **Newer conversation**, **Older conversation**, or **Conversation list**.
   - **Message text size**: Assigns the size of the onscreen email text. Choose from: **Tiny**, **Small**, **Normal**, **Large**, or **Huge**.
   - **Batch operations**: Allows you to apply label operations to more than one conversation at a time.
   - **Clear search history**: Removes all the searches you have performed.
   - **Labels**: Selects which labels are synchronized.
   - **Email notifications**: Activates the email notification icon to appear within the Notifications area of the status bar when an email message is received.
   - **Select ringtone**: Plays a selected ringtone when a new email message is received.
   - **Vibrate**: Activates a vibration when a new email message is received.
   - **Notify once**: Notifies you only for the first new email message. You are not notified of subsequent incoming email messages.

## *Email*

### Setting Up an Email Account

1. Press and tap > (**Email**).
2. Tap one of the available Internet email account types: **AOL**, **Gmail**, **Windows Live**, **Yahoo!**, or **Others**.
3. Follow the onscreen instructions to set up an email account.
   - Tap **Manual setup** to configure your connection settings manually (POP3 or IMAP). Follow the onscreen prompts and enter the information specific to your email provider.
   - The first time you connect, you are asked to give each Internet mail account a unique onscreen name and enter a From name (displayed in your outgoing email messages within the **From** field).
   - The unique account name is used to differentiate this account from other email accounts accessed by your device. (See “Adding Additional Internet Email Accounts” on page 153.)

*Note:* Signal interruptions or incorrect username or password information can cause completion issues.

4. Tap **Done** to store the new account.

### Opening Email

1. Press and tap > (**Email**).
2. Press and tap **Account manager**.
3. Select an email account.
4. Tap an email message.

To refresh your Email messages:

► Press and tap (**Refresh**).

### Composing Email

1. Press and tap > .
2. Press and tap **Account manager**.
3. Select an email account.
4. Tap **Inbox** to open your inbox.
5. Tap (**Compose**).

6. Enter the message recipient's email address in the **To** field.
   - If you are sending the email message to several recipients, separate the email addresses with a comma.
   - You can add as many message recipients as you want.

*Note:* To send a carbon copy (Cc) or a blind carbon copy (Bcc) of the current email to other recipients, tap the **Cc/Bcc** fields.

7. Tap the **Subject** field and enter the email subject.
8. Tap the **Compose Mail** field and compose your email message.
   - To add a picture attachment, tap **Attach** (from the bottom of the screen) > **My files**.
     Available attachment options include: **My files**, **Contacts**, or **Location**.
   - Select the picture you want to attach (indicated by a green check mark) and tap **OK**.
   - Tap to delete a selected attachment from your current email message.
9. Once complete, tap **Send**.
   - Tap > **Save as draft** to save the current email message as a draft. To later view your draft email messages, from the Inbox, tap the **Drafts** folder.
   - To delete the current email message, tap **Discard**.

To reply to an email message:

1. With the email message displayed tap and select **Reply** or **Reply to all**.
2. Enter a new message body and tap **Send**.

## Adding Additional Internet Email Accounts

1. Press and tap > .
2. Press and tap **Account manager**.
3. Press and tap **Add account.**
4. Follow the onscreen prompts to add additional Internet-based email accounts such as Yahoo! Mail, AOL, or other POP or IMAP accounts.

### Configuring Email Settings

1. Press and tap > .
2. Tap the email account from the accounts area of the Account manager screen.
3. This menu provides both field information and settings:
   - **Account name**: displays your uniquely created account display name.
   - **Your name**: displays the name used in the **From** field of your outgoing email messages.
   - **Email check frequency**: Tap to adjust the time interval used by your device to check your email account for new email messages.
   - **Default account**: Assign this account as the default email account used for outgoing messages.
   - **Email notifications**: Activates the email notification icon to appear within the Notifications area of the status bar when a new Internet mail (Gmail, etc..) is received.
   - **Select ringtone**: Plays a selected ringtone when a new email message is received.
   - **Vibrate**: Activates a vibration when a new email message is received.
   - **Incoming settings**: Lets you specify incoming email settings, such as username, password, and IMAP server.
   - **Outgoing settings**: Lets you specify outgoing settings, such as username, password, and SMTP server.
   - **Forward with files**: Lets you include attachments when forwarding an email.
   - **Signature**: Lets you create an email signature for your outgoing Gmail email messages.

## *Microsoft Exchange Email (Outlook)*

The main email application ( ) also provides access to your Outlook Exchange server via your device. If your company uses Microsoft Exchange Server 2003 or 2007 as the corporate email system, you can use this email application to wirelessly synchronize your email, Contacts, and Task information directly with your company's Exchange server.

*Important:* **This Outlook application does not utilize Microsoft® ActiveSync** to synchronize the device to your remote Exchange Server. This synchronization is done wirelessly over the air (OTA) and not via a direct connection.

## Setting Up a Microsoft Exchange Email account

1. Press and tap > .
2. Tap **Microsoft Exchange** from the Set up email screen.

   – or –

   Press and tap **Account manager** > **Add account.**
3. Enter your **Email address** and **Password** information, and then tap **Next**. Consult your Network Administrator for further details.
   - **Email address**: your Outlook work email address.
   - **Password**: typically your network access password (case-sensitive).
4. Tap **Exchange account** (from the add new email account screen).
5. When prompted to provide additional detailed information, scroll down the screen and tap **Next**.
6. Enter a **Domain\Username**, **Password**, and **Exchange Server** information.
   - **Domain\Username**: Use the arrow keys to place your cursor before your username and enter your network domain\desktop login username.

*Important:* Key info here is the **Domain** information. Maintain the "\" between the Domain and Username.

   - **Password**: typically your network access password (case-sensitive).
   - **Exchange Server**: your exchange server remote email address. Typically starts with **mail.XXX.com**. Obtain this information from your company network administrator. Do not accept the default entry as this is a guess based on returned information
   - If your network requires SSL encryption, tap the **Use secure connection (SSL)** field to place a check mark in the box and activate this additional level of security.

- **If your exchange server requires this feature, leaving this field unchecked can prevent connection.**

*Note:* Signal interruptions or incorrect username or password information can cause completion issues.

7. Read the onscreen activation disclaimer and, if prompted, tap **Next** > **OK**.
8. Configure your **Email check frequency**, **Amount to synchronize** (days to synchronize between your device and server), and activate any other email settings, and then tap **Next**.
9. Identify your new account with a unique name and provide the outgoing name text then tap **Done**.

*Important:* You can synchronize over the air (not directly) with an Exchange Server running Microsoft Exchange Server 2003 Service Pack 2 (SP2) or Microsoft Exchange Server 2007.

*Note:* You can have multiple Work Email (Microsoft Exchange ActiveSync) accounts active on your device.

## Opening Microsoft Exchange Email

1. Press and tap > .
2. Tap a message to read, manage, and reply to your email messages.
   - From your Inbox screen, press to select options, such as **Delete**, **List by**, **Move to folder**, **View mode**, **Account manager**, or **Brightness setting**.
   - While in a message, use the email icons at the top of the screen (**Delete** , **Reply** (**Reply**, **Reply all**, or **Forward**) or **New mail** .
   - While in the message, press to select reading options.
     - These display options allow you to read the email messages easier onscreen. Options include: **Font size** (Smallest, Smaller, Medium, Larger, or Largest), **Background color** (White, Basic, Basic negative, or Black), or **Brightness setting**.

## Composing Microsoft Exchange Email

1. From the Inbox, tap (**Compose new email**).
2. Enter the message recipient's email address in the **To** field.
   - Tap to choose recipients from the following sources and tap **Add**:
     - **Contacts** to access your current Contacts page
     - **Groups** to access any available Groups (within which are associated Contacts entries).
     - **Favorites** to access your current favorite entries.
     - **Search** to search for a contact from within your device.
   - If you are sending the email to several recipients, separate the email addresses with a comma or place a green check mark adjacent to those selected entries.
   - You can add as many message recipients as you want.

*Note:* To send an additional carbon copy (Cc) or a blind carbon copy (Bcc) of the current email to other recipients, tap the **Cc/Bcc** fields.

3. Tap the **Subject** field and enter the email subject.
4. Tap the **Body** field and compose your email.
   - To add a picture attachment, tap **Attach** (from the bottom of the screen).
   - You can access the internal microSD card and navigate to the file you wish to attach.
   - Tap the file you wish to attach and tap **OK**.

To reply to an email message:

1. From the Inbox, tap an email message.
2. With the email message displayed, tap and select either **Reply** or **Reply all**.
   - If you select **Forward**, you must specify the message's recipients.
3. Enter a new message body and tap **Send**.

To delete an email message:

- Touch and hold an email (from your inbox list) and select **Delete** from the onscreen context menu.

  – or –

  With the email message displayed, tap **Delete**.

## *Configuring Microsoft Exchange Email Settings*

After your initial setup, you are taken to the Settings menu for your new work email account.

**Account Settings**: configures send and receive settings, such as email signature, notifications and syncing.

1. Press > and tap > **Accounts and sync.**
2. Tap within the **Microsoft Exchange** account field to reveal the account's synchronization settings screen.
3. Toggle either the **Sync Contacts** or **Sync Calendar** fields to force the device to manually resync either the exchange Contacts or Calendar entries.

   – or –

   Tap **Account settings** and specify any other email settings you wish to synchronize. (See "Synchronizing Accounts" on page 58.)

To configure Microsoft Exchange Email settings:

1. Press > and tap > **Accounts and sync.**
2. Tap within the **Microsoft Exchange** account field to reveal the account's synchronization settings screen.
3. Tap the settings you wish to synchronize.
   - **Account settings** allows you to configure:
     - **Account name** displays the name used by the device to track the account.
     - **Your name** displays the name used in the From field within your outgoing email messages.

- **Signature** allows you to create an outgoing email signature attached to new email messages sent from your device.
- **Amount to synchronize** to assign the sync range for your incoming and outgoing email messages between your device and your external exchange server. How many days worth of email messages should the device and server synchronize. Choose from: **One day, Three days, One week**, **Two weeks**, or **One month**.
- **Email check frequency** configures the frequency which the device queries the remote server for new email changes. Choose from: **Automatic (Push)**, **Never**, **Every 5 minutes**, **Every 10 minutes**, **Every 15 minutes**, **Every 30 minutes**, or **Every hour**.
- **Default account** assigns this account as the default used when sending out new email messages.
- **Email notifications** enables the device to display a status bar icon when new email messages have been received.
- **Select ringtone** assigns an audible ringtone when a new or upcoming event is pending.
- **Vibrate** assigns a vibration when a new or upcoming event is pending.
- **Incoming settings** provides access to the Domain, password, and exchange server settings.
- **Sync contacts** synchronizes the contacts between your device and the remote exchange server.
- **Sync calendar** synchronizes your exchange calendar entries between your device and the remote exchange server.
- **Forward with files** causes any outgoing email replay to include any currently attached files.

4. Press to return to the previous screen.

For more detailed Corporate or Work email information, see “Microsoft Exchange Email (Outlook)” on page 154. For more information on Microsoft Exchange Calendar synchronizing, see Synchronizing Microsoft Exchange Calendar Events (page 85).

To create a Microsoft Exchange Email Signature:

This signature can differ from any current email signature on your local Outlook client. This signature is applied to any outgoing email messages originating on your device.

1. Press > and tap > **Accounts and sync.**
2. Tap within the **Microsoft Exchange** account field to reveal the account's synchronization settings screen.
3. Locate and tap **Signature**.
4. Delete the current default text and enter your new email signature.
5. Tap **OK** to store the new signature.

## Configuring Data Synchronization Settings

This feature allows you to determine which current applications are synchronized with external server and at what intervals.

1. Press > and tap > **Accounts and sync.** These settings can affect data usage. Please refer to your current data plan for more details.
2. Tap any of the following options:
   - **Background data**: Allows data synchronization to occur as a background function. It allows this to occur behind the scenes and does not affect any current use of the device.
   - **Auto-sync**: Requires the device to maintain synchronization with the remote server providing data to your selected applications.
3. Press to store your changes and return to the Home screen.

## Using the Android Market

The Android Market provides direct access to a large selection of applications which you can download and install on your device.

### Accessing the Market

1. Press and tap > (**Market**).
2. If not already logged in with your Google account, tap **Next**.
3. Tap **Sign in** and enter your Google account information.
4. Tap **Accept** to agree to the Android Market terms of service.

### Selecting and Installing a Google Application

1. Press and tap > .
2. Browse through the categories, find an application you're interested in, and tap the name.
3. Read the application descriptions.
4. Tap **Install** (for free applications) or **Buy**.

*Note:* Use caution with applications which request access to any personal data, functions, or significant amounts of data usage times.

5. If prompted, follow the onscreen instructions to pay for the application.
6. Check the progress of an ongoing download by opening the Notifications panel.
7. After an application is downloaded and installed on your device, the content download icon appears in the notification area of the status bar.
8. On the Android Market screen, press and tap **Downloads**, tap the installed application in the list, and then tap **Open**.

### Launching an Installed Application

1. Press and tap .
2. Tap the newly installed application.

*Tip:* You can also access recent apps from the Android Market. Press and tap . Press and tap **Downloads** and select application.

### Reinstalling an Application

If the Android operating system is ever updated, any applications you have installed on the device will be erased.

*Note:* Pictures and music are stored on the microSD card. Contacts and Calendars are stored remotely on Google or Outlook servers.

1. Log into your Google account via the device.
2. Press and tap > .
3. Press and tap **Downloads**.
4. Scroll through the list of previously downloaded Google applications and choose the one you wish to reinstall.
5. Follow the onscreen instructions.

## *Applications*

You can access a wide variety of applications in many different categories with your data service.

*Note:* Some Sprint data applications may not work with a Wi-Fi connection present. If prompted, disable your device's Wi-Fi feature while using these applications.

### *Sprint Zone*

Sprint Zone is a free application that lets you stay connected to all the latest news and information from Sprint. Sprint Zone gives you access to Sprint customer promotions, news, feedback, featured apps, and tips and tricks for your device.

1. Press and tap > (**Sprint Zone**).
2. Scroll through the list to find topics of interest.
3. Tap a topic link to continue to that page.

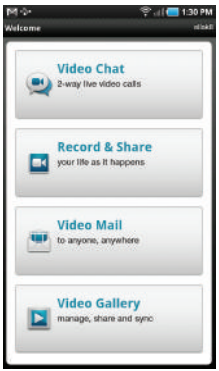
## *Qik*

Qik is a mobile video sharing service that lets you record and share experiences with your friends, family, and your favorite social networks.

1. Press and tap > > **Log in**.

*Note:* If you do not already have a Qik account, touch **Sign up** and follow the onscreen prompts to create your new account.

2. Touch the **User name** and **Password** fields and enter your information.
3. Tap **Sign in**. Your device then communicates with the Qik servers to confirm your information.
4. Follow the onscreen instructions. For more information, visit: http://qik.com/.




### Configure the Front -facing Camera

1. Press > **Settings** > **Camera to use for recording.**
2. Tap **Front** to enable the front-facing camera lens (to the upper-right of the screen).

### Recording Video

1. Tap **Record & Share** from the main Qik menu (page 163).
2. Tap to begin recording.
3. Tap to stop recording.
4. Enter a title for your video segment and select those services you wish to use to distribute your video, such as Twitter and Facebook, and to add a recipient to an email message.

## *News and Weather*

1. Press and tap > (**News and Weather**).
2. Select from any of the available tabs: Weather, Top Stories, U.S., Sports, and Entertainment.

To access the settings:

1. Press > **Settings**.
2. Tap an available option: **Weather settings**, **News Setting**, **Refresh settings**, and **Application version**.

# 3C. Entertainment: Music and Videos


- DivX (page 165)
- Media Hub (page 168)
- Video Player (page 171)
- Music (page 172)
- YouTube (page 175)
- AllShare (page 176)


*Note:* The (best) MP4 video playback setting for this device is 720x480 (480p SD video).

## DivX

The device recognizes DivX® encoded media files.

DivX®, DivX Certified® and associated logos are trademarks of DivX, Inc. and are used under license.

ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, Inc. This is an official DivX Certified® device that plays DivX video. Visit **www.divx.com** for more information and software tools to convert your files into DivX video.

*Note:* Covered by one or more of the following U.S. patents: 7,295,673; 7,460,668; 7,515,710; 7,519,274

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your tablet setup menu. Go to vod.divx.com for more information on how to complete your registration.

DivX Certified® to play DivX® video up to HD 720p, including premium content.

Important: DivX VOD content is protected by a DivX DRM (Digital Rights Management) system that restricts playback to only registered DivX Certified devices.

If you try to play DivX VOD content not authorized for your device, the message “Authorization Error” will be displayed and your content will not play.] Learn more at www.divx.com/vod.

*Note:* DivX VOD content is protected by a DivX DRM (Digital Rights Management) system that restricts playback to only registered DivX Certified devices.

## Locating Your VOD Registration Number

1. Press > and tap > **About My Galaxy Tab™ > Legal information > License settings > DivX® VOD > Register**.
2. Write down your Registration code.
3. Tap **OK**.

## Register Your DivX Device for VOD Playback of Purchased Movies

To play purchased DivX movies on your device, you will first need to complete a one-time registration using both your device and your computer.

1. Write down the DivX registration code that appears onscreen. Copy this 8 or 10-digit number down.
2. Verify you have the latest DivX software running on your computer. Download the free player (for your computer) from www.divx.com.

3. Open the DivX Player on your computer and from within the **VOD** menu, select **Register a DivX Certified Device...**
   - You are prompted to log in or create a DivX account if your account information has not already been saved in DivX Player.
4. Follow the instructions in DivX Player to enter the registration code from step 2 and create a device nickname (ex: “Pat or P100”).
5. Choose a location on your computer to download the DivX registration video with the same title as your device nickname (ex: Pat.divx).
6. Follow the onscreen instructions to download the file and initiate the transfer process.
7. Connect your device to the computer via USB and transfer this video. (See “Connecting Your Device to Your Computer” on page 106.)
8. From the **Registration** screen (Transfer), select **USB** (the device) as the target destination for the registration video (created in step 6) and click **Start**.
9. Press and tap > (**My files**). (See “My Files” on page 91.)
10. Tap a folder and scroll down or up until you locate your registration DivX video file.
11. Tap the file to play it. Once you play the registration file on your device, your registration is complete!

Return to the DivX VOD Manager screen (from within your computer’s DivX Player) and confirm both your computer and your new device appears in the list of registered DivX devices.

*Note:* There is no special registration or configuration necessary to playback DRM-free DivX movies.

Registration of your device is only required for playback of protected DivX material.

### Play Media Files

1. Press and tap > (**My files**).
2. Tap a folder and scroll down or up until you locate your selected file.
3. Tap a movie or music file.

## Media Hub

With Samsung Media Hub™ you can rent or purchase your favorite content and watch from the convenience of anywhere. Featuring the stunning viewing quality Samsung is known for, Samsung Media Hub is your gateway to mobile video like you've never experienced it before.

> *Note:* The Media Hub service and usage is based on service availability.
>
> You must have a microSD card installed before initiating the service.

### Start Using Media Hub

1. Sign into your Google account. (See "Signing In to Your Google Account" on page 51.)
2. Press and tap > (**Media Hub**).
3. Read the End-User License Agreement (EULA) and tap **Accept** to continue or **Decline** to exit.

### Create a New Media Hub Account

Before you can rent or buy media, you must first create an account. Use the keypad to enter the required information.

1. Press and tap > (**Media Hub**).
2. Press and tap **My Account** > **CREATE ACCOUNT**.
3. Use the keypad to enter the required information, activate the **I agree to the Terms and Conditions** field, and then tap **CREATE ACCOUNT**.
4. From the **My Account** screen, you can edit settings such as **My Details**, **My Purchases**, **My Payment**

**Methods**, **Manage My Devices**, **Log out**, or **Reset Media Hub**.

## *Navigating Media Hub*

1. Press and tap > (**Media Hub**).
2. Access any of the following onscreen features:
   - **New in store**: shows recently added media that is available for rent or purchase.
   - **My Media**: allows you to view all of the media you have previously purchased or rented. Tap a media entry to view it.
   - **Movie Store**: displays movies that are available for rent or purchase. Scroll through the movie categories at the top of the screen.
     - Touch a category and then movies of that type will be displayed below.
     - Major categories include **Halloween**, **Editors' picks**, **Top 10 Movies**, **Action**, **Comedy**, **Kids/ Family**, **Sci-fi/fantasy**, **Thriller**, **Romance**, and **Drama**.
   - **TV Store**: displays TV shows that are available for purchase. Scroll through the movie categories at the top of the screen.
     - Tap a category and then TV shows of that type will be displayed below.
     - Major categories include **Editor's Picks**, **Top 10 TV**, **NBC**, **Comedy Central**, **MTV**, **Nickelodeon**, and **WB**.
3. Scroll through the media listings and tap on an item you would like to purchase or rent. Information concerning the selected is displayed.
4. Tap **WATCH PREVIEW** to watch a short preview.

   – or –

   Tap either **Rent** or **Own**.
5. Choose a payment method and then follow the onscreen instructions.
6. The media is then stored on your microSD card within a **My Media** folder.

*Important:* Please review the notices information for detailed purchase and usage information.

## *Media Hub Notices*

- Any media item (Media Content) may be rented or purchased after you create an account in Media Hub.
- Media Content that is downloaded may be viewed concurrently on up to five total devices with Media Hub that are registered to the same account.
- You may choose to remove a device from your account no more than once every 30 days.
- You may remove Media Content from a device as many times as you'd like. You will have the ability to download the Media Content again later subject to content download availability and studio permissions.
- You MUST be in a network coverage area to license Media Content you have acquired through the Service.
- You must have Wi-Fi connectivity in order to download Media Content.
- Unlike purchased Media Content, rented Media Content will be viewable on only one device in your account.
- Media Content is downloaded and saved onto the SD card.
- Your Media Content may pause, stop, or not download in a weak network signal area.
- You may begin watching downloaded Media Content as soon as a) license acquisition has occurred and b) sufficient amount of the Media Content has been buffered.
- You must finish watching rented Media Content within 24 consecutive hours of start of playback.
  - Stopping, pausing, or restarting rented Media Content does not extend the available viewing time.
  - In no event will rented Media Content be available for a period of more than thirty (30) days (or shorter on a title-by-title basis) after the Media Content has been rented (e.g., if you begin viewing rented Media Content on the 29th day after the rental transaction, but do not finish viewing the entire title, that rented Media Content may not be available for the entire twenty-four (24) consecutive hour period if such period would extend the viewable time beyond the thirty (30) day rental window).

- You cannot play any media content downloaded from Media Hub through any output on your device, including AllShare.

## Video Player

The video player application plays video files stored on your microSD card.

To access the video player:

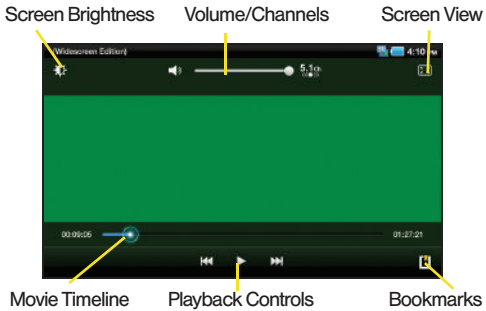
1. Press and tap > (**Video**). All videos that you have been stored on your memory card are displayed.

*Note:* This listing includes all videos that have been taken using the camcorder, stored from an external source, or purchased or rented from within Media Hub.

2. Tap an available category to find a video you wish to play.
   - **Videos** lists all multimedia files stored within the microSD card that were not created with the device's camcorder.
   - **Camera videos** lists all videos taken using the device's camcorder. See "Recording Videos" on page 116.
   - **Folders** displays all multimedia files stored within either the **Camera** or **sdcard** folders.

To play a video file:

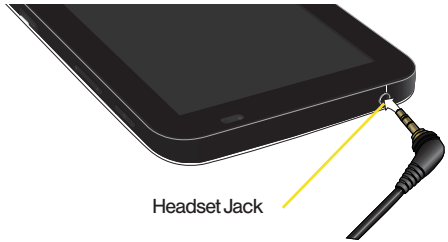
1. Press and tap > (**Video**).
2. Locate a file from one of the three available tabs.
3. Tap an onscreen file to begin playback.



*Note:* For best results from the 5.1 channel sound function, it is recommended that the audio be routed through to an external 5.1-channel supported device via the Headset jack.

4. Touch and hold a video from the onscreen list to reveal additional context menu options: **Share via**, **Delete**, or **Details**.
   - **Share via** allows you to share the current multimedia file with others via: **Bluetooth, YouTube, AllShare, Messaging**, **Email,** or **Gmail**.

For more details about downloading videos, See “Media Hub” on page 168.




# Music

## Accessing the music player

1. Press and tap > (**Music**).
2. From the Music display, select an option:
   - **Songs** to browse through all of your downloaded music and any additional songs you have loaded onto your microSD card from your computer.
   - **Playlists** to select a customized playlist you’ve created to organize your music.
   - **Albums** to display your current local music files sorted by album.
   - **Artists** to display your current local music files sorted by artist.
   - **Genres** to display your current local music files sorted by music genre.
3. Once you’ve displayed a list of songs, you can browse through your available titles.
   - To play a song, tap it to display the title and track information.

- To listen to a song or playlist, tap it to begin playing from the selected song. (You can also highlight the playlist to begin listening.)

## Creating a Playlist

1. Press and tap > (**Music**).
2. Tap the **Playlist** tab.
3. Press and tap **New playlist** (to create a new playlist).
   - If you select **New playlist**, delete the current default name, enter a name for your new playlist, and tap **Done**.
4. Tap **Add music**. Your device searches through your device and microSD card for compatible music files and then displays them onscreen.
5. Place a green check mark alongside those songs you wish to add to the current playlist and tap **Add**.

   – or –

   Tap **Select all** to select all available songs and tap **Add**.

## Playing Music

1. Press and tap > .
2. From the Music display, tap a category from the top of the screen.
3. Flick through the list of songs and tap an entry to begin playback.

   – or –

   Touch and hold a song from the onscreen list to reveal additional context menu options: **Add to favorites**, **Share via**, **Set as**, or **Delete**.
   - **Share via** allows you to share the current multimedia file with others via: **Bluetooth**, **AllShare**, **Messaging**, **Email**, or **Gmail**.
   - **Set as** allows to assign the current song to an Alarm Tone.

| | |
|---|---|
| | **Song Information:** Displays information about the current song such as Artist, Title, and Album. |
| | **List Songs:** displays a list of available songs within the currently selected tab. |

| | |
|---|---|
| | **Volume:** Controls the output volume. You can also apply a 5.1 channel output mode if the output is being routed via the Headset Jack. |
| | **Shuffle Off:** Songs play in order of the current listing. |
| | **Shuffle On:** The current list of songs are randomly shuffled for playback. |
| | **Rewind:** Touch and hold to rewind the current song. Tap to go to the previously played song. |
| | **Play:** Start playback of the song from the beginning or restart the song after a pause. |
| | **Pause:** Pauses the current song. |
| | **Forward:** Touch and hold to forward through the current song. Tap to go to the next song. |
| | **Repeat Once:** Repeats the current song. |

| | |
|---|---|
| | **Repeat All:** Replays the entire playlist of songs. The playlist repeats when the last song in the list of completed. |
| | **Play All:** Plays the current song list once. |

*Note:* For best results from the 5.1 channel sound function, it is recommended that the audio be routed through to an external 5.1-channel supported device via the Headset jack.

### Assigning a Song as an Alarm Tone

1. Press and tap > > **Songs**.
2. Touch and hold a song you'd like to use as your new alarm tone. An onscreen pop-up menu will open.
3. Tap **Set as** > **Alarm tone** to store the selected song as your new default ringtone.
4. Confirm that the song has been successfully assigned by navigating to your Alarm clock menu.
   - Press and tap > **Alarm Clock**.
5. Confirm that the new song is selected for a desired alarm event.

## *Backing Up Your Downloaded Music Files*

Sprint recommends you back up your downloaded music files to your computer. (See "Connecting Your Device to Your Computer" on page 106.)

1. Connect your device using a USB cable or your device's Bluetooth function.
2. Use your computer to navigate to the microSD card's **Music** folder.
3. Select and copy the music files to a folder on your computer's hard drive.

## *YouTube*

YouTube™ is a video sharing website on which users can upload and share videos. The site is used to display a wide variety of user-generated video content, including movie clips, TV clips, and music videos, as well as video content such as video blogging, informational shorts and other original videos.

*Note:* YouTube is a data-intensive feature. Sprint recommends that you upgrade to an unlimited data plan to avoid additional data charges.

1. Press and tap > (**YouTube**).
2. Press and tap **Search**. Enter a term into the search field and then tap a matching topic. Scroll down to browse through the available video thumbnails.
3. To view a video, tap an available preview thumbnail or tap the title link.
4. Press to return to the previous page.

*Note:* It is not necessary to sign in to the YouTube site to view content. However, if you wish to sign in to access additional options, access the page via the Web browser and tap **Sign in** at the top right corner, enter your YouTube or Google username and password, and tap **Sign in**.

## AllShare

Allows users to share their in-device media content with other external devices using DLNA certified™ (Digital Living Network Alliance) Devices. These external devices must also be DLNA-compliant. Wi-Fi capability can be provided to TVs via a device like an HD Digital Multimedia Streamer.

*Note:* Wi-Fi will need to be enabled and active on your device to use this feature.

The application contains three separate streaming media scenarios:

- **Play file from my device on another player** allows you to play local device content on a Wi-Fi capable TV or playback device. The device can then be used as a remote to control playback.
- **Play file from server on my device** allows you to receive and playback media stored externally (server, laptop, etc.) directly on your device.
- **Play file from server on another player via my device** allows you to "piggy-back" content playback on an external Wi-Fi TV/receiver. Your device retrieves content from an external wireless source such as a server and pushes it through to an external wireless destination such as a TV. The device acts to both route the media and control its playback (as a remote).

### Configure the AllShare Settings

The AllShare™ application must first be configured before its initial use. You must setup parameters such as connected Wi-FI, Items to share, source server address, and external device acceptance rights.

1. Press and tap > (**AllShare**).
2. Press and tap **Settings** to configure the following settings as desired:

- **Media server name** allows you to enter the name of the server transmitting the media files (for example, “MyServer”). Once you enter the name tap **Save**.
- **Share media** to configure which media types will be shared. Choose from **Share video**, **Share image**, or **Share sound**.
- **Access point network** allows you to connect to an available Wi-Fi Access Point.

*Note:* It is recommended that if you are not already communicating with an external WAP, you configure those settings here first.

- **Upload from other devices** allows you to specify a rule for accepting incoming media from other external devices. Choose from **Always accept**, **Always ask**, or **Always reject** and tap **OK**.

3. Press to return to the previous page.

## *Selecting the Media You Will Transmit*

1. Press and tap > .
   - The screen is split into select media source (left side) and select playback device (right side).
   - The device then begins to search to compatible Wi-Fi devices.
2. Tap a media server used as the source of the media files (**Search server** column).
   - Choose from either **My device** or [media server].
   - Selecting **My device** transmits a media file from your device to a target device (for example, a TV).
3. Tap a playback device being used to play the transmitted media file (**Search playback devices** column). If you desired device does not appear, tap (**Refresh**).
   - Choose from either **My device** or [target device].
4. Tap **Next**. Both columns must be selected before continuing.

5. If transmitting local media to an external device, scroll through your microSD card folders to locate the file(s) you wish to transmit. A green check mark indicates the file has been selected.
6. Select a media file from one of the three available categories (**Videos**, **Pictures**, or **Audio**).

## *Receiving Media From a Server*

1. Press and tap > .
2. Tap a source media server from the onscreen list. If you server does not appear, tap (**Refresh**).
3. Tap **My device** to target your device to receive the incoming media stream (**Search playback devices** column).

# 3D. GPS Navigation


- GPS Services (page 179)
- Google Maps (page 179)
- Places (page 181)
- Navigation (page 181)


## GPS Services

Your device's built-in GPS capability gives you access to a number of location-based services, including **Google Maps** and **Navigation**.

### Activating Location Mode

Before using any of the location-based services, you must turn on your device's location mode.

- Press > and tap > **Location and security** > **Use GPS satellites**.

*Note:* Enabling GPS will deplete your battery more quickly.

### Activating Using Wireless Networks

This additional location feature uses open Wi-Fi and mobile network connections to assist in providing additional location accuracy.

1. Press > and tap > **Location and security** > **Use wireless networks**.
   - Since this feature is based on Google's location service, you will need to agree to allow Google to collect anonymous information.
2. Tap **Agree** to accept the terms of service.

## Google Maps

Use this application to find directions, location information, business addresses, etc., all right from your device. Determine your current location with or without GPS, get driving and transit directions and get phone numbers and addresses for local businesses.

Before you begin using this feature you must activate your GPS hardware and agree to share location information with Google.

To enable your device's GPS Location feature:

1. Press > and tap > **Location and security**.
2. Tap **Use GPS satellites**. A green check mark indicates the GPS location feature is enabled. (For additional location information, see "Location Settings" on page 57.)
   - appears in the Notification area when the GPS is active.
   - appears in the Notification area when the GPS is communicating.

To launch the Google Maps application:

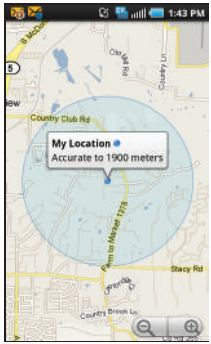
- Press and tap > (**Maps**).

To use Google Maps:

1. Press and tap > .
   - If prompted, read the "What's new" message and tap **OK**.
2. Tap the magnification icons to zoom in or out of the current map view.

   – or –

   Press for other Google Map features.
   - Choose from: **Search**, **Directions**, **Starred Places**, **Clear Map**, **Join Latitude**, and **More**.




To search for a keyword:

1. Press and tap > .
2. Press and tap **Search**.

3. Tap the search field (at the top of the screen), enter a keyword, and tap .
   - This keyword can be a category name (such as pizza, steak, burger), a business name (Samsung, Sprint), or a Google friend who is sharing their location.
4. Tap (bottom left) to reveal a detailed list of information corresponding to those matches now displayed on your screen with lettered pins.

## Places

This application lets you find restaurants, gas stations, hotels, and many other types of businesses near your current location.

*Note:* Ensure that your device's Location function is enabled to use this feature.

1. Press and tap > **(Places)**.
2. Search for a business in your area by either choosing from an available category (Restaurants, Coffee, Bars, Hotels, Attractions, ATMs, Gas Stations) or by using the search field.

## Navigation

Google Maps Navigation uses your current location (provided by GPS communication to your device) to provide various location-based services.

1. Press and tap > **(Navigation)**.
2. Read the onscreen disclaimer and tap **Accept**.
3. Choose from the following onscreen options:
   - **Speak Destination** to use the Voice recognition feature to search for matching locations in your area.
   - **Type Destination** to manually enter a destination address (via the onscreen keypad).
   - **Contacts** to receive turn-by-turn directions to the address stored for a selected Contacts entry.
   - **Starred Places** to obtain directions to locations that have been starred within Google maps (maps.google.com).

*Section 4*

# *Safety and Warranty Information*

# 4A. Important Safety Information


- General Precautions (page 185)
- Maintaining Safe Use of and Access to Your Device (page 185)
- Care and Maintenance (page 188)
- Radio Frequency (RF) Energy (page 190)
- Reducing Exposure: Hands-Free Kits and Other Accessories (page 193)
- Specific Absorption Rate (SAR) Certification Information (page 194)
- Samsung Mobile Products and Recycling (page 196)
- UL Certified Travel Adapter (page 196)
- GPS & AGPS (page 197)
- Emergency Communication (page 198)
- Responsible Listening (page 198)
- Operating Environment (page 200)
- FCC Notice and Cautions (page 201)
- Other Important Safety Information (page 202)
- Owner's Record (page 202)
- User Guide Proprietary Notice (page 202)
- DivX (page 202)


**This section outlines the safety precautions associated with using your Galaxy Tab.** The terms "device" or "mobile device" will be used in this section to refer to your Galaxy Tab. **Read this information before using your device.**

## General Precautions

There are several simple guidelines to operating your tablet properly and maintaining safe, satisfactory service.

- To maximize performance, do not touch the bottom portion of your device where the internal antenna is located while using the device.
- Speak directly into the microphone.
- Avoid exposing your device and accessories to rain or liquid spills. If your device does get wet, immediately turn the power off and remove the battery.
- Do not expose your device to direct sunlight for extended periods of time (such as on the dashboard of a car).
- Although your device is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or sitting on it.
- Any changes or modifications to your device not expressly approved in this document could void your warranty for this equipment and void your authority to operate this equipment.

*Note:* For the best care of your device, only Sprint-authorized personnel should service your device and accessories. Failure to do so may be dangerous and void your warranty.

## Maintaining Safe Use of and Access to Your Device

### Using Your Device While Driving

The primary responsibility of every driver is the safe operation of his or her vehicle.

Responsible drivers understand that no secondary task should be performed while driving whether it be eating, drinking, talking to passengers, or using a device - unless the driver has assessed the driving conditions and is confident that the secondary task will not interfere with their primary responsibility. Do not engage in any activity while driving a moving vehicle which may cause you to take your eyes off the road or become so absorbed in the activity that your ability to concentrate on the act of driving becomes impaired. Samsung is committed to promoting responsible driving and giving drivers the tools they need to understand and address distractions.

### Notice regarding legal restrictions on mounting this device in an automobile

Laws in some states may prohibit mounting this device on or near the windshield of an automobile. In other states, the law may permit mounting this device only in specific locations in the automobile. Be sure to consult the state and local laws or ordinances where you drive before mounting this device in an automobile.

Failure to comply with these restrictions could result in fines, penalties, or other damages. Never mount this device in a manner that will obstruct the driver's clear view of the street and traffic.

**Never use wireless data services such as text messaging, Web browsing, or e-mail while operating a vehicle.**

**Never watch videos, such as a movie or clip, or play video games while operating a vehicle.**

For more information, go to http://www.ctia.org.

### Following Safety Guidelines

To operate your device safely and efficiently, always follow any special regulations in a given area. Turn your device off in areas where use is forbidden or when it may cause interference or danger.

### Using Your Device Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, RF signals from wireless devices may affect inadequately shielded electronic equipment.

RF signals may affect improperly installed or inadequately shielded electronic operating systems or entertainment systems in motor vehicles. Check with the manufacturer or their representative to determine if these systems are adequately shielded from external RF signals. Also check with the manufacturer regarding any equipment that has been added to your vehicle.

Consult the manufacturer of any personal medical devices, such as pacemakers, to determine if they are adequately shielded from external RF signals.

*Note:* Always turn off the device in healthcare facilities, and request permission before using the device near medical equipment.

### Turning Off Your Device Before Flying

Turn off your device before boarding any aircraft. To prevent possible interference with aircraft systems, the U.S. Federal Aviation Administration (FAA) regulations require you to have permission from a crew member to use your device while the plane is on the ground. To prevent any risk of interference, FCC regulations prohibit using your device while the plane is in the air.

### Turning Off Your Device in Dangerous Areas

To avoid interfering with blasting operations, turn your device off when in a blasting area or in other areas with signs indicating two-way radios should be turned off. Construction crews often use remote-control RF devices to set off explosives.

Turn your device off when you're in any area that has a potentially explosive atmosphere. Although it's rare, your device and accessories could generate sparks. Sparks can cause an explosion or fire, resulting in bodily injury or even death. These areas are often, but not always, clearly marked. They include:

- Fueling areas such as gas stations.
- Below deck on boats.
- Fuel or chemical transfer or storage facilities.

- Areas where the air contains chemicals or particles such as grain, dust, or metal powders.
- Any other area where you would normally be advised to turn off your vehicle's engine.

*Note:* Never transport or store flammable gas, flammable liquids, or explosives in the compartment of your vehicle that contains your device or accessories.

## Restricting Children's Access to Your Device

Your device is not a toy. Do not allow children to play with it because they could hurt themselves and others, damage the device, or use services that increase your device bill.

Keep the device and all its parts and accessories out of the reach of small children.

The scientific evidence does not show a danger to any users of cell phones from RF exposure, including children and teenagers. The steps adults can take to reduce RF exposure apply to children and teenagers as well.

- Reduce the amount of time spent on the cell phone;
- Use speaker mode or a headset to place more distance between the head and the cell phone.

Some groups sponsored by other national governments have advised that children be discouraged from using cell phones at all. For example, The Stewart Report from the United Kingdom made such a recommendation in December 2000. In this report, a group of independent experts noted that no evidence exists that using a cell phone causes brain tumors or other ill effects. Their recommendation to limit cell phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists. Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (updated 1/1/2010):

- FCC RF Safety Program: http://www.fcc.gov/oet/rfsafety/
- Environmental Protection Agency (EPA): http://www.epa.gov/radiation/
- Occupational Safety and Health Administration (OSHA): http://www.osha.gov/SLTC/radiofrequencyradiation/index.html
- National Institute for Occupational Safety and Health (NIOSH): http://www.cdc.gov/niosh/
- World Health Organization (WHO): http://www.who.int/peh-emf/
- International Commission on Non-Ionizing Radiation Protection: http://www.icnirp.de
- Health Protection Agency: http://www.hpa.org.uk/radiation
- US Food and Drug Administration: http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm

# Care and Maintenance

Please note the following information when using your device:

1. **WARNING REGARDING DISPLAY**
   - The display on your device is made of glass or acrylic and could break if your device is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.
2. **WARRANTY DISCLAIMER: PROPER USE OF A TOUCH-SCREEN DEVICE**
   - If your device has a touch-screen display, please note that a touch-screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch-screen may damage the tempered glass surface and void the warranty. For more information, please refer to the "Manufacturer's Warranty" on page 204.

## Protecting Your Battery

The guidelines listed below help you get the most out of your battery's performance.

- Recently there have been some public reports of wireless device batteries overheating, catching fire, or exploding. It appears that many, if not all, of these reports involve counterfeit or inexpensive, aftermarket-brand batteries with unknown or questionable manufacturing standards. Sprint is not aware of similar problems with Sprint devices resulting from the proper use of batteries and accessories approved by Sprint or the manufacturer of your device.
- In order to avoid damage, charge the battery only in temperatures that range from 32° F to 113° F (0° C to 45° C).
- Don't use the battery charger in direct sunlight or in high humidity areas, such as the bathroom.
- Never dispose of the battery by incineration.
- Keep the metal contacts on top of the battery clean.
- Don't attempt to disassemble or short-circuit the battery.
- The battery may need recharging if it has not been used for a long period of time.
- It's best to replace the battery when it no longer provides acceptable performance. It can be recharged hundreds of times before it needs replacing.
- Don't store the battery in high temperature areas for long periods of time. It's best to follow these storage rules:
  - Less than one month:
    -4° F to 140° F (-20° C to 60° C)
  - More than one month:
    -4° F to 113° F (-20° C to 45° C)

## Disposal of Lithium Ion (Li-Ion) Batteries

Do not handle a damaged or leaking Li-Ion battery as you can be burned.

For safe disposal options of your Li-Ion batteries, contact your nearest Sprint authorized service center.

**Special Note**: Be sure to dispose of your battery properly. In some areas, the disposal of batteries in household or business trash may be prohibited. See "Samsung Mobile Products and Recycling" on page 196.

## Battery Use & Safety

**The battery in the device is not intended to be replaced by the consumer. If you believe the battery is damaged or needs to be replaced, take the device to a service center for inspection and replacement.**

- **Do not let the device or battery come in contact with liquids.** Liquids can get into the device's circuits, leading to corrosion. Even when the device appears to be dry and appears to operate normally, the circuitry could slowly corrode and pose a safety hazard. If the device and/or battery get wet, have them checked by your service provider or contact Samsung, even if they appear to be working properly.
- **Do not place your battery in or near a heat source.** Excessive heating can damage the device or the battery and could cause the device or the battery to explode. **Do not dry a wet or damp battery with an appliance or heat source such as a microwave oven, hair dryer, iron, or radiator.** Avoid leaving your device in your car in high temperatures.
- Do not dispose of the device or the battery in a fire. The device or the battery may explode when overheated.
- **Avoid dropping the device.** Dropping the device, especially on a hard surface, can potentially cause damage to the device. If you suspect damage to the device or battery, take it to a service center for inspection.
- **Never use any charger or battery that is damaged in any way.**

*Important:* Use only Samsung-approved batteries, and recharge your battery only with Samsung-approved chargers which are specifically designed for your device.

*WARNING:* **Use of a non-Samsung-approved battery or charger may present a risk of fire, explosion, leakage, or other hazard.** Samsung's warranty does not cover damage to the device caused by non-Samsung-approved batteries and/or chargers.

- Do not use incompatible batteries and chargers. Some websites and second-hand dealers not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier-recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- Misuse or use of incompatible batteries and charging devices could result in damage to the equipment and a possible risk of fire, explosion, or leakage, leading to serious injuries, damages to your phone, or other serious hazard.

Your device is a product of superior design and craftsmanship and should be treated with care. The suggestions below will

help you fulfill any warranty obligations and allow you to enjoy this product for many years:

### Keep your Samsung Device away from:

**Liquids of any kind**
Keep the device dry. Precipitation, humidity, and liquids contain minerals that will corrode electronic circuits. If the device does get wet, do not accelerate drying with the use of an oven, microwave, or dryer, as this may damage the device and could cause a fire or explosion. Do not use the device with a wet hand. Doing so may cause an electric shock to you or damage to the device.

**Extreme heat or cold**
Avoid temperatures below 0°C / 32°F or above 45°C / 113°F.

**Microwaves**
**Do not try to dry your device in a microwave oven. Doing so may cause a fire or explosion.**

**Dust and dirt**
Do not expose your device to dust, dirt, or sand.

**Cleaning solutions**
Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.

**Shock or vibration**
Do not drop, knock, or shake the device. Rough handling can break internal circuit boards.

**Paint**
Do not paint the device. Paint can clog the device's moving parts or ventilation openings and prevent proper operation.

## *Radio Frequency (RF) Energy*

### Knowing Radio Frequency Safety
The design of your device complies with updated NCRP standards described below.

In 1991–92, the Institute of Electrical and Electronics Engineers (IEEE) and the American National Standards Institute (ANSI) joined in updating ANSI's 1982 standard for safety levels with respect to human exposure to RF signals. More than 120 scientists, engineers and physicians from universities, government health agencies and industries developed this updated standard after reviewing the available body of research. In 1993, the Federal Communications Commission (FCC) adopted this updated standard in a regulation. In August 1996, the FCC adopted hybrid standard consisting of the existing ANSI/IEEE standard and the guidelines published by the National Council of Radiation Protection and Measurements (NCRP).

### Body-Worn Operation
To maintain compliance with FCC RF exposure guidelines, if you wear a handset on your body, use a Sprint-supplied or Sprint-approved carrying case, holster or other body-worn accessory. If you do not use a body-worn accessory, ensure

the antenna is at least **7/16 inch** (**1.5 centimeters**) from your body when transmitting. Use of non-Sprint-approved accessories may violate FCC RF exposure guidelines.

For more information about RF exposure, visit the FCC website at www.fcc.gov.

### Exposure to Radiofrequency (RF) Signals

Although the device is not a cell phone, it can operate on the same network as cell phones and can use the same radiofrequency (RF) signals to communicate with the network as a cell phone. Therefore, although the following information refers specifically to RF exposure from wireless phones, it may apply similarly to the device when it is being used on a cell phone network.

The U.S. Food and Drug Administration (FDA) has published information for consumers relating to radiofrequency (RF) exposure from wireless phones. The FDA publication includes the following information:

#### Do cell phones pose a health hazard?

Many people are concerned that cell phone radiation will cause cancer or other serious health hazards. The weight of scientific evidence has not linked cell phones with any health problems.

Cell phones emit low levels of radiofrequency energy (RF). Over the past 15 years, scientists have conducted hundreds of studies looking at the biological effects of the radiofrequency energy emitted by cell phones. While some researchers have reported biological changes associated with RF energy, these studies have failed to be replicated. The majority of studies published have failed to show an association between exposure to radiofrequency from a cell phone and health problems. The low levels of RF cell phones emit while in use are in the microwave frequency range. They also emit RF at substantially reduced time intervals when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. The biological effects of radiofrequency energy should not be confused with the effects from other types of electromagnetic energy. Very high levels of electromagnetic energy, such as is found in X-rays and gamma rays can ionize biological tissues. Ionization is a process where electrons are stripped away from their normal locations in atoms and molecules. It can permanently damage biological tissues including DNA, the genetic material. The energy levels associated with radiofrequency energy, including both radio waves and microwaves, are not great enough to cause ionization of atoms and molecules. Therefore, RF energy is a type of non-ionizing radiation. Other types of non-ionizing radiation include visible light, infrared radiation (heat), and other forms of electromagnetic radiation with relatively low frequencies. While RF energy does not ionize particles, large amounts can increase body temperatures and cause tissue damage. Two areas of the body, the eyes and the testes, are particularly vulnerable to RF heating because there is relatively little blood flow in them to carry away excess heat.

### Research Results to Date: Is there a connection between RF and certain health problems?

The results of most studies conducted to date say no. In addition, attempts to replicate and confirm the few studies that have shown a connection have failed. The scientific community at large therefore believes that the weight of scientific evidence does not show an association between exposure to radiofrequency (RF) from cell phones and adverse health outcomes. Still the scientific community has supported additional research to address gaps in knowledge. Some of these studies are described below.

### Interphone Study

Interphone is a large international study designed to determine whether cell phones increase the risk of head and neck cancer. A report published in the International Journal of Epidemiology (June, 2010) compared cell phone usage for more than 5,000 people with brain tumors (glioma and meningioma) and a similar number of healthy controls.

Results of this study did NOT show that cell phones caused brain cancer. In this study, most people had no increased risk of brain cancer from using cell phones. For people with the heaviest use of cell phones (an average of more than ½ hour per day, every day, for over 10 years) the study suggested a slight increase in brain cancer. However, the authors determined that biases and errors prevented any conclusions being drawn from this data. Additional information about Interphone can be found at http://www.iarc.fr/en/media-centre/pr/2010/pdfs/pr200_E.pdf.

Interphone is the largest cell phone study to date, but it did not answer all questions about cell phone safety. Additional research is being conducted around the world, and the FDA continues to monitor developments in this field.

### International Cohort Study on Mobile Phone Users (COSMOS)

The COSMOS study aims to conduct long-term health monitoring of a large group of people to determine if there are any health issues linked to long-term exposure to radiofrequency energy from cell phone use. The COSMOS study will follow approximately 300,000 adult cell phone users in Europe for 20 to 30 years. Additional information about the COSMOS study can be found at http://www.ukcosmos.org/index.html.

### Risk of Brain Cancer from Exposure to Radiofrequency Fields in Childhood and Adolescence (MOBI-KIDS)

MOBI-KIDS is an international study investigating the relationship between exposure to radiofrequency energy from communication technologies including cell phones and brain cancer in young people. This is an international multi-center study involving 14 European and non-European countries. Additional information about MOBI-KIDS can be found at http://www.creal.cat/programes-recerca/projectes-creal/view.php?ID=39.

### Surveillance, Epidemiology, and End Results (SEER) program of the National Cancer Institute

The National Cancer Institute (NCI) actively follows cancer statistics in the United States to detect any change in rates of new cases for brain cancer. If cell phones play a role in risk for brain cancer, rates should go up, as heavy cell phone use has been common for quite some time in the U.S. Between 1987 and 2005, the overall age-adjusted incidence of brain cancer did not increase. Additional information about SEER can be found at http://seer.cancer.gov/.

### Cell Phone Industry Actions

Although the existing scientific data do not justify FDA regulatory actions, the FDA has urged the cell phone industry to take a number of steps, including the following:

- Support-needed research on possible biological effects of RF for the type of signal emitted by cell phones;
- Design cell phones in a way that minimizes any RF exposure to the user; and
- Cooperate in providing users of cell phones with the current information on cell phone use and human health concerns.

The FDA also is working with voluntary standard-setting bodies such as the Institute of Electrical and Electronics Engineers (IEEE), the International Commission on Non-Ionizing Radiation Protection (ICNIRP), and others to assure that safety standards continue to adequately protect the public.

# *Reducing Exposure: Hands-Free Kits and Other Accessories*

## Steps to Reduce Exposure to Radiofrequency Energy

If there is a risk from being exposed to radiofrequency energy (RF) from cell phones - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your RF exposure.

- Reduce the amount of time spent using your cell phone;
- Use speaker mode or a headset to place more distance between your head and the cell phone.

## Hands-Free Kits

Hand-free kits may include audio or Bluetooth® headsets and various types of body-worn accessories such as belt-clips and holsters.

Combinations of these can be used to reduce RF energy absorption from cell phones.

Headsets can substantially reduce exposure since the phone is held away from the head in the user's hand or in approved body-worn accessories. Cell phones marketed in the U.S. are required to meet RF exposure compliance requirements when used against the head and against the body.

Since there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used for convenience and comfort. They are also required by law in many states if you want to use your phone while driving.

### Cell Phone Accessories that Claim to Shield the Head from RF Radiation

Since there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that accessories which claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption.

## *Specific Absorption Rate (SAR) Certification Information*

Your device is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radiofrequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government.

These FCC exposure limits are derived from the recommendations of two expert organizations: the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE).

In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless devices to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model device is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model of a device are performed in positions and locations (e.g. near the body) as required by the FCC.

For typical operations, this device has been tested and meets FCC RF exposure guidelines.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR value for this model phone as reported to the FCC is:

**Cellular CDMA mode (Part 22)**:
Body-worn: 0.98 W/kg

**PCS mode (Part 24)**:
Body-worn: 1.19 W/kg

**WLAN (2.4G)**:
Body-worn: 0.54 W/kg

## FCC Radio Frequency Emission

This device meets the FCC Radio Frequency Emission Guidelines.

SAR information on this and other model devices can be viewed online at http://ww.fcc.gov/oet/ea. To find information that pertains to this particular model device, this site uses the FCC ID number A3LSPHP100. This number can be confirmed by looking on the rear case of your device.

Follow the instructions on the website and it should provide values for typical or maximum SAR for a particular device. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

## FCC Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

*Note:* This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient the direction of the internal antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile devices and genuine Samsung accessories, and other unwanted electronics, in accordance with local regulations and through an approved recycler. Proper disposal of your mobile device and its battery is not only important for safety, it benefits the environment. Batteries must be recycled or disposed of properly.

**For more information about recycling your GALAXY, go to:** http://mobile.samsungusa.com/recycling/index.jsp or call **1-800-822-8837** for more information.

**To find the nearest recycling location, go to:** www.samsung.com/recyclingdirect or call, **1-877-278-0799**.

*WARNING:* Never dispose of batteries in a fire because they may explode.

## UL Certified Travel Adapter

The Travel Adapter for this device has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines:

**FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.**

**IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.**

**DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.**

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET.

THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

## *GPS & AGPS*

The device can use a Global Positioning System (GPS) signals for location-based applications. A GPS uses satellites controlled by the U.S. Government that are subject to changes implemented in accordance with the Department of Defense policy and the 2008 Federal Radionavigation Plan (FRP). Changes may affect the performance of location-based technology on your device.

The device can also use an Assisted Global Positioning System (AGPS) which obtains information from the cellular network to improve GPS performance. AGPS uses your wireless service provider's network and therefore airtime, data charges, and/or additional charges may apply in accordance with your service plan. Contact your wireless service provider for details.

### Your Location

Location-based information includes information that can be used to determine the approximate location of a device. Devices which are connected to a wireless network transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. The location-based information may be shared with third-parties, including your wireless service provider, applications providers, Samsung, and other third-parties providing services.

### Navigation

Maps, directions, and other navigation data may contain inaccurate or incomplete data, and circumstances can and do change over time. In some areas, complete information may not be available. Therefore, **you should always visually confirm that the navigational instructions are consistent with what you see before following them. All users should pay attention to road conditions, closures, traffic, and all other factors that may impact safe driving or walking. Always obey posted road signs.**

## Emergency Communication

**The device should not be relied upon for essential communications (medical emergencies, calls to 911, or communications to emergency services). The device is not designed or intended to be used for such communications. Voice Over Internet Protocol (VOIP) services which may be used on the device to make phone calls do not support 911 calls and are only intended for talking with friends.**

## Responsible Listening

**Caution!: Avoid potential hearing loss.**

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cell phones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth® or other wireless devices).

Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound, and distorted hearing. Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings, and equipment.

You should follow some common sense recommendations when using any portable audio device:

- Always turn the volume down before plugging the earphones into an audio source.
- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- Be aware that you can adapt to higher volume settings over time, not realizing that the higher volume may be harmful to your hearing.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.

- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech, or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

**American Academy of Audiology**

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet: http://www.audiology.org

**National Institute on Deafness and Other Communication Disorders**

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD 20892-2320

Email: nidcdinfo@nih.gov

Internet: http://www.nidcd.nih.gov/

**National Institute for Occupational Safety and Health (NIOSH)**

395 E Street, S.W.

Suite 9200

Patriots Plaza Building

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4647)

1-800-CDC-INFO (1-800-232-4636)

Outside the U.S. 513-533-8328

Email: cdcinfo@cdc.gov

Internet: http://www.cdc.gov/niosh/topics/noise/default.html

1-888-232-6348 TTY

# Operating Environment

Remember to follow any special regulations in force in any area, and always switch your device off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the device or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

## Using Your Device Near Other Electronic Devices

Most modern electronic equipment is shielded from radiofrequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless device. Consult the manufacturer to discuss alternatives.

## Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless device and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the device more than six (6) inches from their implantable medical device when the device is turned ON;
- Should not carry the device in a breast pocket;
- Should turn the device OFF immediately if there is any reason to suspect that interference is taking place;
- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless device with an implantable medical device, consult your health care provider.

For more information see: http://www.fcc.gov/oet/rfsafety/rf-faqs.html.

## Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your device off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

## Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle before using your device in a motor vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

### Posted Facilities

Switch your device off in any facility where posted notices require you to do so.

### Potentially Explosive Environments

Switch your device off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised to switch the device off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust, or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

## FCC Notice and Cautions

### FCC Notice

The device may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the device if such interference cannot be eliminated. Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association.

### Cautions

Any changes or modifications to your device not expressly approved in this document could void your warranty for this equipment and void your authority to operate this equipment. Only use approved batteries, antennas, and chargers.

The use of any unauthorized accessories may be dangerous and void the device warranty if said accessories cause damage or a defect to the device. Although your device is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or sitting on it.

## Other Important Safety Information

- Only qualified personnel should service the mobile. Faulty service may be dangerous and may invalidate any warranty applicable to the device.
- Ensure that any devices or related equipment used in your vehicle are securely mounted.
- Check regularly that all wireless devices equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including portable wireless equipment near or in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your device off before boarding an aircraft. The use of wireless devices in aircraft is illegal and may be dangerous to the aircraft's operation. Check with appropriate authorities before using any function of a device while on an aircraft.
- Failure to observe these instructions may lead to the suspension or denial of network services to the offender, or legal action, or both.

## Owner's Record

The model, regulatory, and serial number are located on a nameplate inside the battery compartment. Record the serial number in the space provided below. This is helpful if you need to contact us about your device in the future.

Model: SPH-P100 Galaxy Tab™

Serial No.:

## User Guide Proprietary Notice

T9 Text Input is licensed by Nuance Communications, Inc. and is covered by U.S. Pat. 5,818,437, U.S. Pat. 5,953,541, U.S. Pat. 6,011,554 and other patents pending.

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## DivX

The device recognizes DivX® encoded media files. DivX®, DivX Certified® and associated logos are trademarks of DivX, Inc. and are used under license.

ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, Inc. This is an official DivX Certified® device that plays DivX video. Visit www.divx.com for more information and software tools to convert your files into DivX video.

*Note:* Covered by one or more of the following U.S. patents: 7,295,673; 7,460,668; 7,515,710; 7,519,274.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to **vod.divx.com** for more information on how to complete your registration.

*Note:* DivX VOD content is protected by a DivX DRM (Digital Rights Management) system that restricts playback to only registered DivX Certified devices.

DivX Certified® to play DivX® video up to HD 720p, including premium content.

Important: DivX VOD content is protected by a DivX DRM (Digital Rights Management) system that restricts playback to only registered DivX Certified devices.

If you try to play DivX VOD content not authorized for your device, the message “Authorization Error” will be displayed and your content will not play.] Learn more at **www.divx.com/vod**.

# 4B. Manufacturer's Warranty


- Manufacturer's Warranty (page 204)


Your Galaxy Tab has been designed to provide you with reliable, worry-free service. If for any reason you have a problem with your equipment, please refer to the manufacturer's warranty in this section.

For information regarding the terms and conditions of service for your Galaxy Tab, please visit **www.sprint.com** or call Sprint Customer Service at **1-888-211-4727**.

## Manufacturer's Warranty

### STANDARD LIMITED WARRANTY

**What is Covered and For How Long?**
SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's Galaxy Tab and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

| | |
|---|---|
| Galaxy Tab | 1 Year |
| Battery | 1 Year |
| Case | 90 Days |
| Other Accessories | 1 Year |

**What is Not Covered?**
This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, neglect, unusual physical, electrical or electromechanical stress, or defects in appearance, cosmetic, decorative or structural items, including framing, and any non-operative parts unless caused by SAMSUNG; (b) defects or damage resulting from excessive

force or use of a metallic object when pressing on a touchscreen; (c) equipment that has the serial number or the enhancement data code removed, defaced, damaged, altered or made illegible; (d) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (e) malfunctions resulting from the use of Product in conjunction or connection with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (f) defects or damage from improper testing, operation, maintenance, installation, service, or adjustment not furnished or approved by SAMSUNG; (g) defects or damage from external causes such as collision with an object, or from fire, flooding, sand, dirt, windstorm, lightning, earthquake, or from exposure to weather conditions, or battery leakage, theft, blown fuse, or improper use of any electrical source; (h) defects or damage caused by cellular signal reception or transmission, or viruses or other software problems introduced into the Product; (i) any other acts which are not the fault of SAMSUNG; or (j) Product used or purchased outside the United States. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG Galaxy Tab for which it is specified.

**What are SAMSUNG's Obligations?**

During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized Galaxy Tab service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the original date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

**What Are The Limits On Samsung's Warranty/liability?**

SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND

SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

- THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;
- WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. ALL IMPLIED WARRANTIES AND CONDITIONS THAT MAY ARISE BY OPERATION OF LAW, INCLUDING IF APPLICABLE THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED TO THE SAME DURATION OF TIME AS THE EXPRESS WRITTEN WARRANTY STATED HEREIN. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE, USE, OR MISUSE OF, OR INABILITY TO USE THE PRODUCT OR ARISING DIRECTLY OR INDIRECTLY FROM THE USE OR LOSS OF USE OF THE PRODUCT OR FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL, CONSEQUENTIAL OR SIMILAR DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS, OR FOR DAMAGES ARISING FROM ANY TORT (INCLUDING NEGLIGENCE OR GROSS NEGLIGENCE) OR FAULT COMMITTED BY SAMSUNG, ITS AGENTS OR EMPLOYEES, OR FOR ANY BREACH OF CONTRACT OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS HELD ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY FOR THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS.

THE PARTIES UNDERSTAND THAT THE PURCHASER MAY USE THIRD-PARTY SOFTWARE OR EQUIPMENT IN CONJUNCTION WITH THE PRODUCT. SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRD-PARTY SOFTWARE OR EQUIPMENT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE, INCLUDING THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT. THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT LIE SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT, AS THE CASE MAY BE.

This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

Samsung Telecommunications America, LLC

1301 E. Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG

Phone: 1-888-987-HELP (4357)

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## End User License Agreement for Software

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## Precautions for Transfer and Disposal

If data stored on the Galaxy Tab is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the Galaxy Tab be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

*Important:* Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the Galaxy Tab, charges may apply.

Customer Care Center:

1000 Klein Rd.

Plano, TX 75074

Toll Free Tel: 1.888.987.HELP (4357)

Samsung Telecommunications America, LLC:

1301 East Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG (726-7864)

Phone: 1-888-987-HELP (4357)

*Important:* If you are using a handset other than a standard numeric dialpad, dial the numbers listed in brackets.

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